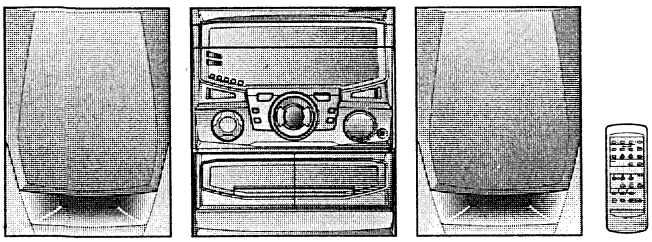
SHARP SERVICE MANUAL

No. S6935CDC615H/



CD-C615H

SPECIFICATIONS

• In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

● **Speaker section**

Type:	2-way [100 mm (4') woofer and 50 mm (2") tweeter]
Maximum input power:	40 W
Rated input power:	20 W
Impedance:	4 ohms
Dimensions:	Width; 220 mm (8-11/16") Height; 300 mm (11-13/16") Depth; 180 mm (7-1/16")
Weight:	2.0 kg (4.4 lbs.)/each

The model CD-C615H is the model in which digital output was added to the model CD-C611H and the surround speakers were taken out of it.
This manual covers only the dissimilarities between these models. For the other details, refer to the already issued manual CD-C611H (No.S5928CDC607H/).

DIFFERENCE BETWEEN CD-C611H AND CD-C615H

REF. NO.	PART NO. ★ CD-CD611H	PART NO. ★ CD-C615H	DESCRIPTION	CODE
COIL				
L99	Not Used	VP-DH2R2K0000 J	2.2mH, Peaking	AB
VIBRATORS				
X1	92LCRSTL1746AT J	Not Used	Crystal, 16.93 MHz	—
XL1	Not Used	RCRSP0005AWZZ J	Crystal, 16.934 MHz	AF
CAPACITORS				
C41	Not Used	VCCSPA1HL120J J	12 pF, 50V	AA
C42	Not Used	VCCSPA1HL150J J	15 pF, 50V	AA
C98	Not Used	VCKYPA1HF223Z J	0.022 µF, 50V	AB
C99	Not Used	VCEAZA1AW107M J	100 µF, 10V, Electrolytic	AB
C621	VCEAZA1HW476M J	Not Used	47 µF, 51V, Electrolytic	—
C635	VCTYPA1EX332M J	Not Used	0.0033 µF, 25V	—
C638	VCEAZA1HW476M J	Not Used	47 µF, 51V, Electrolytic	—

★ MARK: SPARE PARTS-DELIVERY SECTION

SHARP CORPORATION

SHARP CORPORATION
Communication Systems Group
Quality & Reliability Control Center
Higashihiroshima, Hiroshima 739-0192, Japan

REF. NO.	PART NO. ★ CD-CD611H		PART NO. ★ CD-C615H		DESCRIPTION	CODE
RESISTORS						
R54	Not Used		VRD-ST2CD331J	J	330 ohms, 1/6W, ±5%	AA
OTHER CIRCUITRY PARTS						
Bi1A/B	Not Used		QCNWN1473AWZZ	J	Connector Ass'y, 2/2Pin	AF
Bi99/CNS99	Not Used		QCNWN1373AWZZ	J	Connector Ass'y, 3/3Pin	AG
CNP99	Not Used		QCNCM704CAWZZ	J	Plug, 3Pin	AC
iC99	Not Used		VHPGP1F32T/-1	J	Optical Fiber Data Link, GP1F32T	AP
CABINET PARTS						
201	92LCAB3045AS1	J	92LCAB3047AS1	J	Front Panel Ass'y	
201-1	————		————		Front Panel (Not Replacement Item)	—
201-2	HDECQ0481AWSA	J	HDECQ0486AWSA	J	Panel, Display	AG
201-3	HDECQ0460AWSA	J	Same Used (CD-C611H)		Panel, Operation	AH
201-4	HDECQ0461AWSA	J	Same Used (CD-C611H)		Ring, Operation	AC
201-5	HDECQ0462AWSA	J	Same Used (CD-C611H)		Cap, Operation Center	AC
201-6	HDECQ0469AWSA	J	Same Used (CD-C611H)		Panel, Center Cap	AE
201-7	JKNBZ0603AWSA	J	Same Used (CD-C611H)		Button, Stop/Play/Repeat	AG
201-8	JKNBZ0604AWSA	J	Same Used (CD-C611H)		Button, Function Selector	AF
201-9	JKNBZ0605AWSA	J	Same Used (CD-C611H)		Button, Volume Up/Down	AF
201-10	JKNBZ0629AWSA	J	Same Used (CD-C611H)		Button, Power/Stand-by	AE
201-11	JKNBZ0607AWSA	J	Same Used (CD-C611H)		Button, X-BASS/Demo	AE
201-12	JKNBZ0608AWSA	J	Same Used (CD-C611H)		Button, Timer/Sleep/Clock	AC
201-13	JKNBZ0610AWSA	J	Same Used (CD-C611H)		Button, Disc Skip/Open/Close	AM
201-14	PCUSG0022AWZZ	J	Same Used (CD-C611H)		Cushion, Leg	AB
201-15	JKNBZ0609AWSA	J	Same Used (CD-C611H)		Button, RDS	AE
205	GiTAR0476AWSA	J	Not Used		Back Board [For U.K.]	—
205	GiTAR0477AWSA	J	GiTAR0492AWSA	J	Back Board	AH
ACCESSORIES/PACKING PARTS						
1	SPAKC0788AWZZ	J	SPAKC0796AWZZ	J	Packing Case	AP
1	SPAKC0789AWZZ	J	Not Used		Packing Case [For U.K.]	—
6	QACCB0008AW00	J	Not Used		AC Power Supply Cord [For U.K.]	—
7	TGAN-3170UMZZ	J	Not Used		Resistration Card [For U.K. Only]	—
8	TiNSE0251AWZZ	J	Not Used		Operation Manual [For U.K.]	—
8	TiNSZ0423AWZZ	J	TiNSZ0447AWZZ	J	Operation Manual	AR
9	Not Used		SPAKX0040AWZZ	J	Sheet, Auxiliary	AE
13	TLABZ0573AWZZ	J	Same Used (CD-C611H)		Label, Feature, Unit, Tape 1	AC
14	TLABZ0546AWZZ	J	TLABZ0557AWZZ	J	Label, Feature, Unit, Tape 2	AC
18	TLABE0282AWZZ	J	TLABE0281AWZZ	J	Label, Bar Code	AB

★ MARK: SPARE PARTS-DELIVERY SECTION

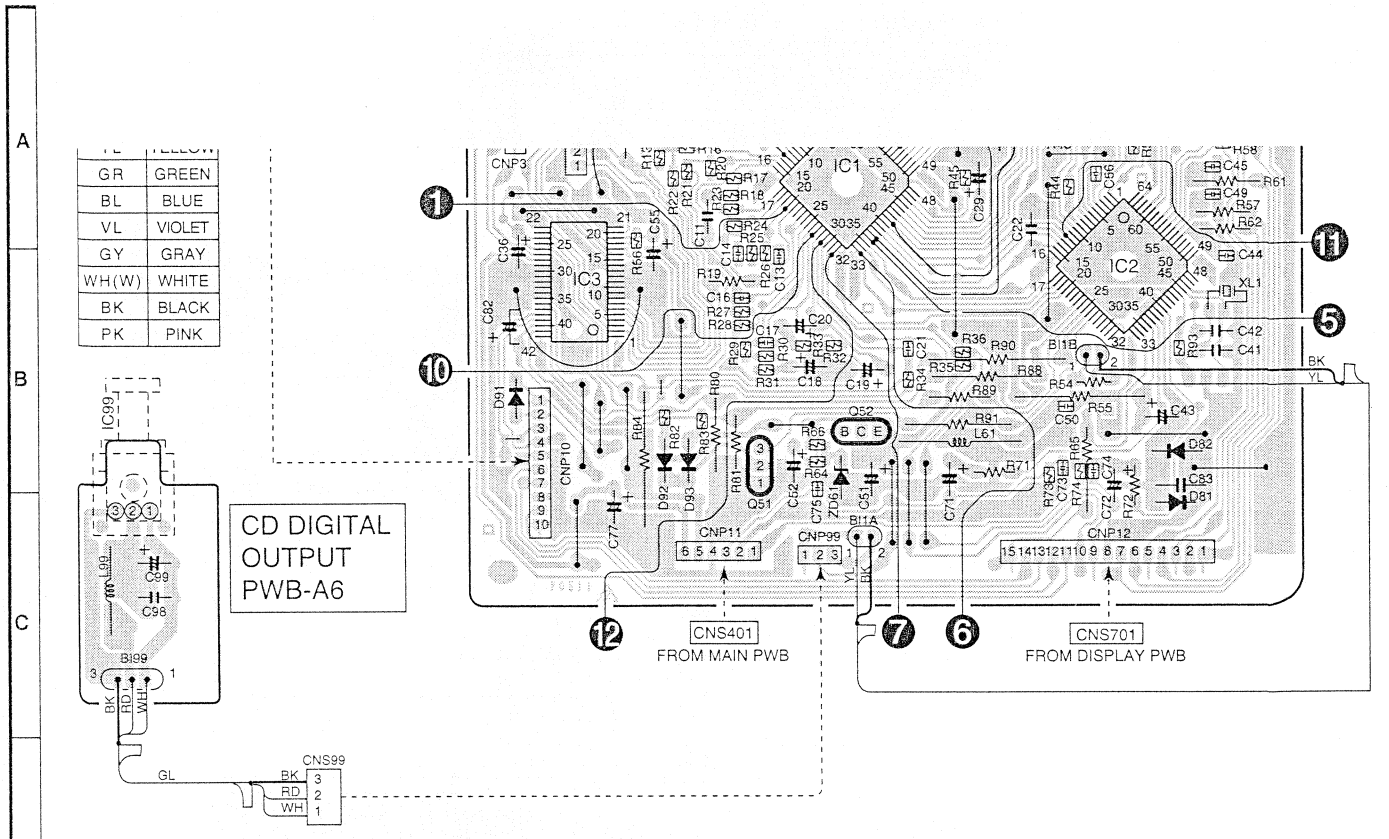


Figure 3-1 WIRING SIDE OF P.W.BOARD (1/2)

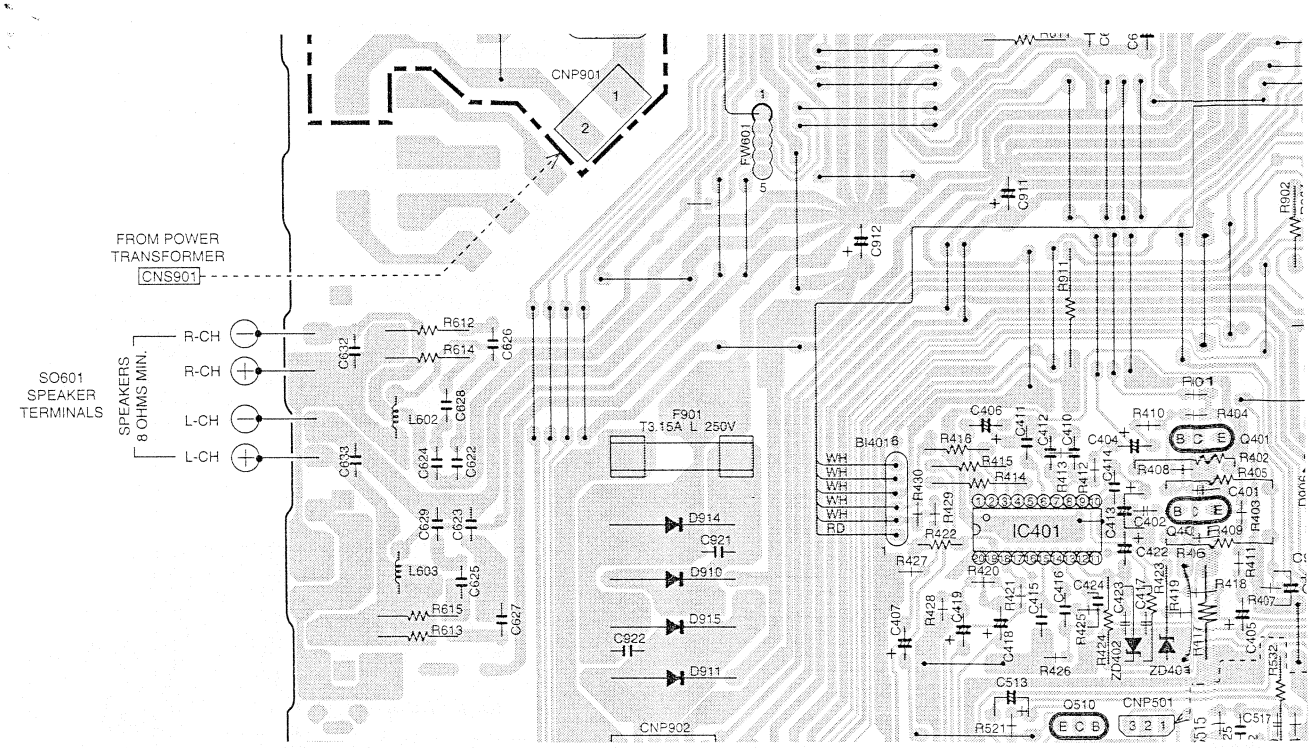


Figure 3-2 WIRING SIDE OF P.W.BOARD (2/2)

Figure 3 WIRING SIDE OF P.W.BOARD

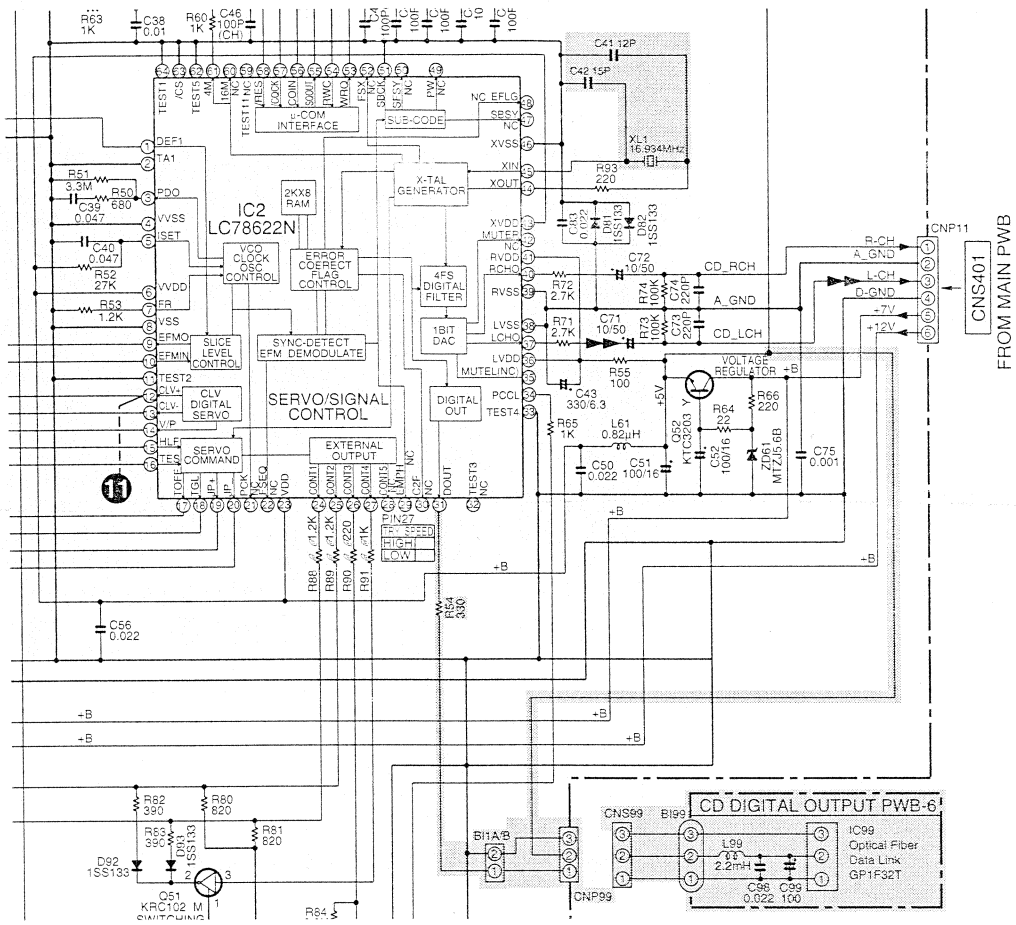


Figure 4-1 SCHEMATIC DIAGRAM (1/3)

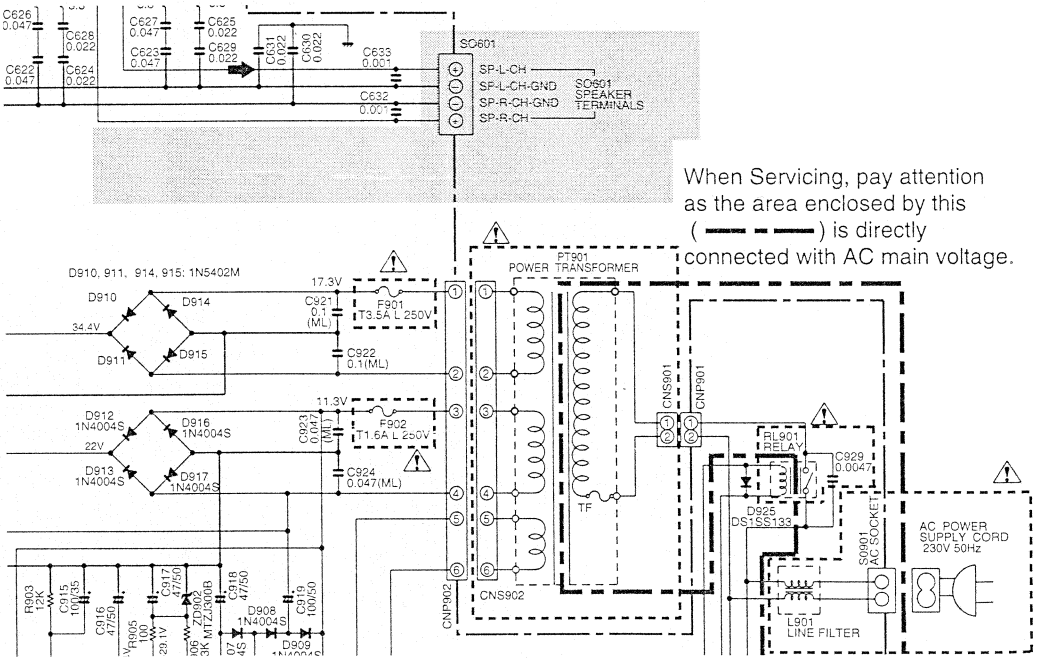


Figure 4-2 SCHEMATIC DIAGRAM (2/3)

: Addition/Eliminatiom/Change PARTS

Figure 4 SCHEMATIC DIAGRAM

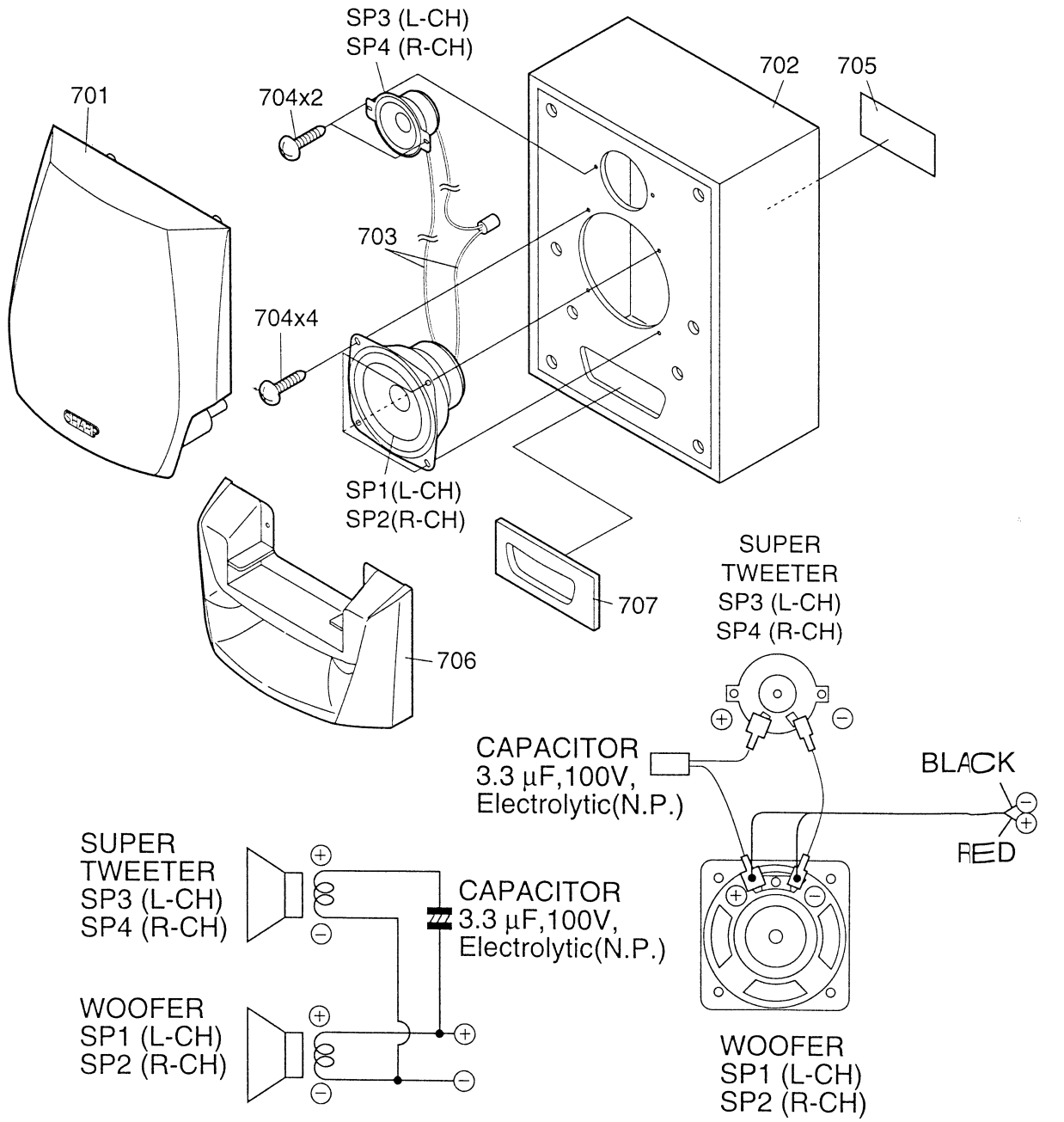
CP-C615H

SPEAKER BOX PARTS

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
701	92LJ1911A	AZ	Net Frame Ass'y
702	92L9505C	AZ	Speaker Box Ass'y
703	92LE5866		Speaker Cord Ass'y with Capacitor
704	92LF1377A	AC	Screw, ø7x13mm
705	92LP5872		Label, Specifications
706	92LJ1912A	AX	Panel, Duct
707	92LJ9797C	AE	Port Cushion
SP1,2	VSP0010WBY14A		Speaker, Woofer
SP3,4	VSP0050TBM34A		Speaker, Super Tweeter

PACKING PARTS

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
22	92LV4974A		Polyethylene Bag, Speaker
23	92LN1877B		Packing Add., Bottom
24	92LN1877T		Packing Add., Top



NOTE: The parts of cassette mechanism which are supplied are only the unit and consumable parts.

Figure 5 SPEAKER EXPLODED VIEW

SHARP SERVICE MANUAL

No. S5928CDC607H/

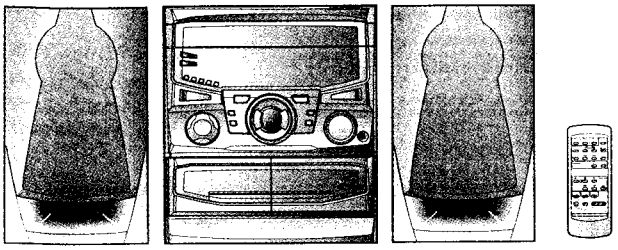


Illustration: CD-C607H

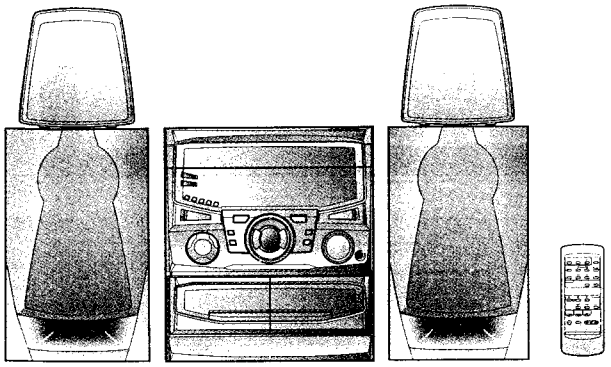


Illustration: CD-C611H

CD-C607H
CD-C611H

CD-C607H mini component system consisting of CD-C607H (Main unit), CP-C607H (Front speaker).
CD-C611H mini component system consisting of CD-C611H (Main unit), CP-C611H (Front speaker) and GBOXS0028AWM1 (Surround speaker).

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

- **Note for users in U.K.**
  Recording and playback of any material may require consent which SHARP is unable to give. Please refer particularly to the provisions of Copyright Act 1956, the Dramatic and Musical Prefomers Protection Act 1956, the Preformers Protection Acts 1963 and 1972 and to any subsequent statutory enactments and orders.

DIFFERENCE BETWEEN CD-C607H AND CD-C611H

SECTION	CD-C607H	CD-C611H
Surround Speaker	None	Used

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PACKING METHOD(FOR U.K. ONLY)

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

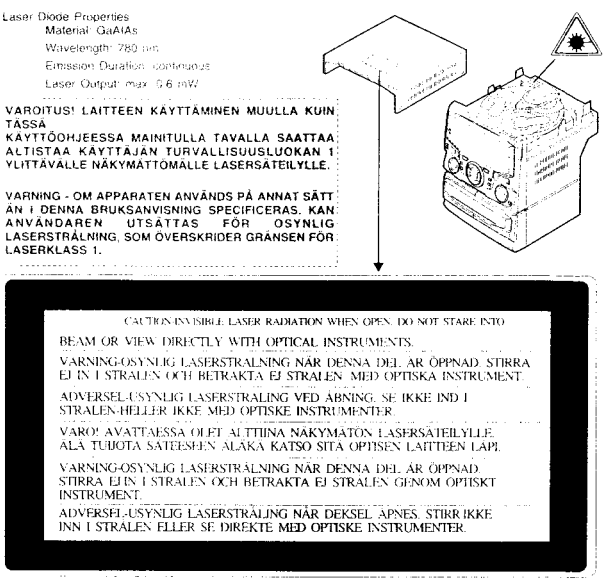
CD-C607H/611H

SAFETY PRECAUTION FOR SERVICE MANUAL

Precaution to be taken when replacing and servicing the Laser Pickup.

The AEL (Accessible Emission Level) of Laser Power Output for this model is specified to be lower than Class I Requirements. However, the following precautions must be observed during servicing to protect your eyes against exposure to the Laser beam.

(1) When the cabinet has been removed, the power is turned on without a compact disc, and the Pickup is on a position outer than the lead-in position, the Laser will light for several seconds to detect a disc. Do not look into the Pickup Lens.
(2) The Laser Power Output of the Pickup inside the unit and replacement service parts have already been adjusted prior to shipping.
(3) No adjustment to the Laser Power should be attempted when replacing or servicing the Pickup.
(4) Under no circumstances look directly into the Pickup Lens at any time.
(5) CAUTION - Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.


Laser Diode Properties
Material: GaAlAs
Wavelength: 780 nm
Emission Duration: continuous
Laser Output: max. 0.6 mW
VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.
VARNING - OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN I DENNA BRUKSANVISNING SPECIFICERAS, KAN ANVÄNDAREN UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING, SOM ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.
CAUTION-INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.
ADVERSEL-USYNLIG LASERSTRÅLING VED ÅBNING. SE IKKE IND I STRÅLEN-HELLER IKKE MED OPTISKE INSTRUMENTER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYMÄTÖN LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEESEEN ÄLÄKÄ KATSO SITA OPTISEN LAITTEEN LAPI.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.
ADVERSEL-USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.

(For U.K.)

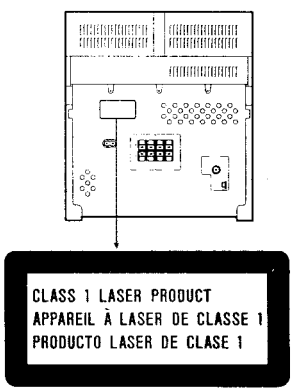


Illustration: CD-C611H

(Except For U.K.)

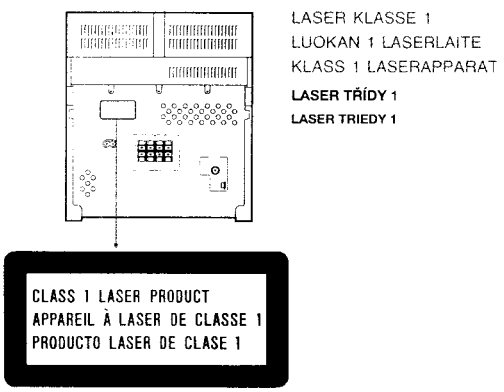


Illustration: CD-C611H

IMPORTANT SERVICE NOTES (FOR U.K. ONLY)

Before returning the unit to the customer after completion of a repair or adjustment it is necessary for the following withstand voltage test to be applied to ensure the unit is safe for the customer to use.

Setting of Withstanding Voltage Tester and set.

Set name	set value
Withstanding Voltage Tester	
Test voltage	4,240 VPEAK 3,000 VRMS
Set time	6 secs
Set current(Cutoff current)	4 mA
Unit	
Judgment	
OK: The "GOOD" lamp lights. NG: The "NG" lamp lights and the buzzor sounds.	

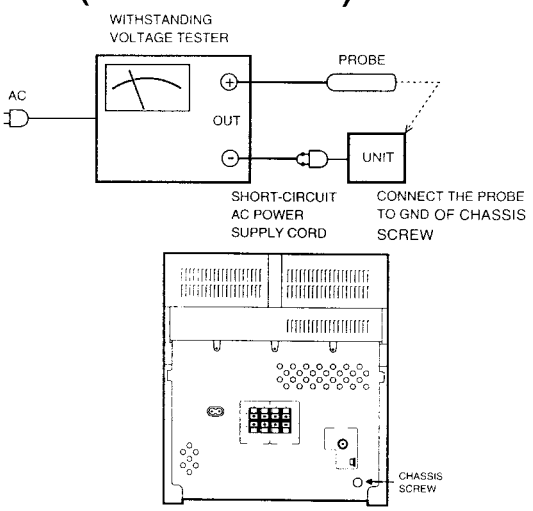


Illustration: CD-C611H

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

CD-C607H/611H

● General (CD-C607H)

Power source:	AC 230 V, 50 Hz
Power consumption:	40 W
Dimensions:	Width; 270 mm (10-5/8") Height; 300 mm (11-13/16") Depth; 353 mm (13-7/8")
Weight:	5.4 kg (11.9 lbs.)

● General (CD-C611H)

Power source:	AC 230 V, 50 Hz
Power consumption:	47 W
Dimensions:	Width; 270 mm (10-5/8") Height; 300 mm (11-13/16") Depth; 353 mm (13-7/8")
Weight:	5.5 kg (12.1 lbs.)

● Amplifier section (CD-C607H)

Output power:	PMPO; 60 W (total) MPO; 33 W (16.5 W + 16.5 W) (DIN 45 324) RMS; 20 W (10 W + 10 W) (DIN 45 324) RMS; 16 W (8 W + 8 W) (DIN 45 500)
Output terminals:	Front speakers; 8 ohms Headphones; 16-50 ohms (recommended; 32 ohms)

● Amplifier section (CD-C611H)

Output power:	PMPO; 120 W (total) MPO; 60 W (30 W + 30 W) (DIN 45 324) RMS; 40 W (20 W + 20 W) (DIN 45 324) RMS; 28 W (14 W + 14 W) (DIN 45 500)
Output terminals:	Front speakers; 5.4 ohms Surround speakers; 16 ohms Headphones; 16-50 ohms (recommended; 32 ohms)

● Compact disc player section

Type:	3-disc multi-play compact disc player
Signal readout:	Non-contact, 3-beam semi-conductor laser pickup
D/A converter:	1-bit D/A converter
Frequency response:	20 - 20,000 Hz
Dynamic range:	90 dB (1 kHz)

● Tuner section

Frequency range:	FM; 87.5-108 MHz AM; 522 - 1,620 kHz

● Cassette deck section

Type:	Compact cassette tape
Frequency response:	50-14,000 Hz (Normal tape)
Motor:	DC motor with electronic governor × 1
Signal/noise ratio:	55 dB (TAPE 1, playback) 50 dB (TAPE 2, recording/playback)
Bias and erasure system:	AC
Tape speed:	4.76 cm/sec. (1-7/8 ips.)
Wow and flutter:	0.2 % (DIN 45 511, playback)
Heads:	TAPE-1: Playback × 1 TAPE-2: Record/playback × 1 Erase × 1

CP-C607H

● Front speaker section

Type:	2-way type [100 mm (4") woofer and super tweeter]
Maximum input power:	20 W
Rated input power:	10 W
Impedance:	8 ohms
Dimensions:	Width; 180 mm (7-1/8") Height; 300 mm (11-13/16") Depth; 215 mm (8-7/16")
Weight:	2.0 kg (4.4 lbs.)/each

CP-C611H

● Front speaker section

Type:	2-way type [130 mm (5-1/4") woofer and super tweeter]
Maximum input power:	30 W
Rated input power:	15 W
Impedance:	5.4 ohms
Dimensions:	Width; 180 mm (7-1/8") Height; 300 mm (11-13/16") Depth; 215 mm (8-7/16")
Weight:	2.0 kg (4.4 lbs.)/each

GBOXS0028AWM1 (CD-C611H ONLY)

● Surround speaker section

Type:	80 mm (3-1/4") full-range speaker
Maximum input power:	10 W
Rated input power:	5 W
Impedance:	16 ohms
Dimensions:	Width; 150 mm (6") Height; 150 mm (6") Depth; 78 mm (3")
Weight:	0.5 kg (1.0 lbs.)/each

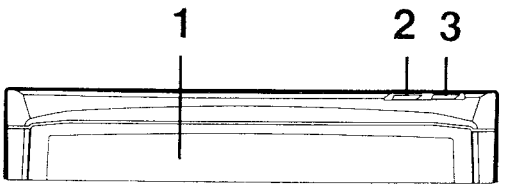
Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

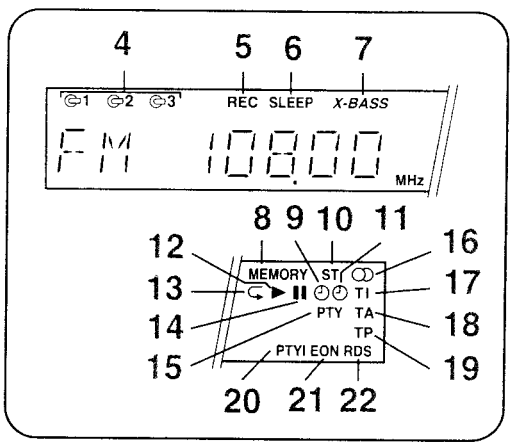
CD-C607H/611H

■ Front panel

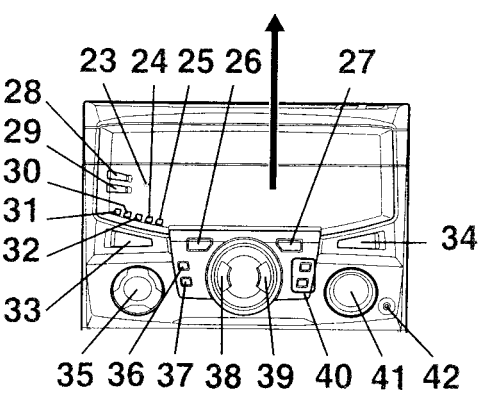
Illustration: CD-C611H



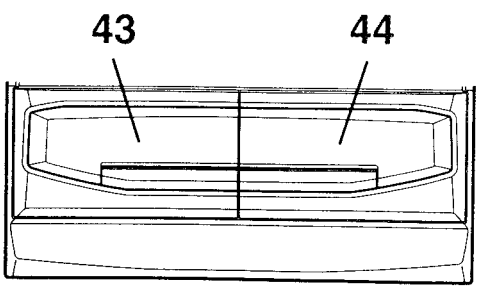
1. Disc Tray
2. Disc Skip Button
3. Open/Close Button



4. (CD) Disc Number Indicators
5. (TAPE 2) Record Indicator
6. Sleep Indicator
7. Extra Bass Indicator
8. (CD/TUNER) Memory Indicator
9. Timer Play Indicator
10. FM Stereo Mode Indicator
11. Timer Record Indicator
12. (CD) Play Indicator
13. (CD) Repeat Indicator
14. (CD) Pause Indicator
15. Programme Type Indicator
16. FM Stereo Indicator
17. Traffic Information Indicator
18. Traffic Announcement Indicator
19. Traffic Programme Indicator
20. Dynamic PTY Indicator
21. EON Indicator
22. RDS Indicator



23. Timer Set Indicator
24. (TUNER) Display Mode Selector Button
25. (TUNER) Station Selector Button
26. (CD) Track Down/Review Button
    (TUNER) Preset Down Button
    (TAPE 2) Rewind Button
27. (CD) Track Up/Cue Button
    (TUNER) Preset Up Button
    (TAPE 2) Fast Forward Button
28. Timer/Sleep Button
29. Clock Button
30. (TUNER) EON Button
31. (TUNER) Programme Type/Traffic Information Search Button
32. (TUNER) ASPM Button
33. On/Stand-by Button
34. Extra Bass/Demo Mode Button
35. Function Selector Buttons
36. (TAPE 2) Record Pause Button
37. Memory/Set Button
38. (CD/TAPE) Stop Button
39. (TAPE) Play Button
    (CD) Play/Repeat Button
40. Tuning and Time Up/Down Buttons
41. Volume Up/Down Buttons
42. Headphone Socket



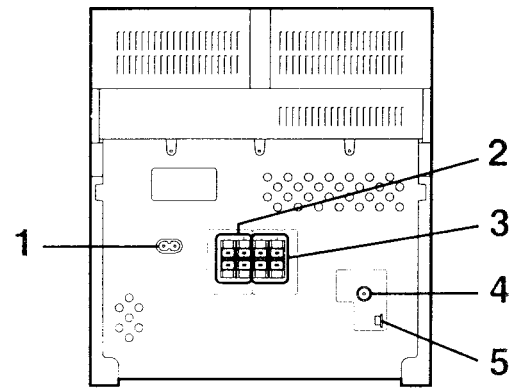
43. (TAPE 1) Cassette Compartment
44. (TAPE 2) Cassette Compartment

CD-C607H/611H

■ Rear panel

1. AC Power Input Socket
2. Front Speaker Terminals
3. Surround Speaker Terminals (CD-C611H ONLY)
4. FM 75 Ohms Aerial Socket
5. AM Loop Aerial Input Socket

Illustration: CD-C611H



CP-C607H/611H

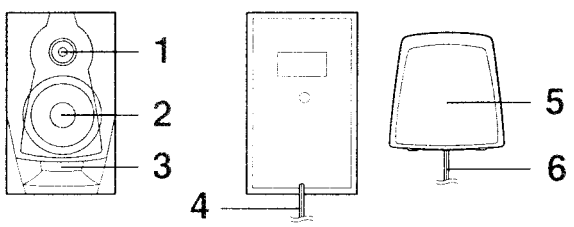
■ Front speaker

1. Super Tweeter
2. Woofer
3. Bass Reflex Ducts
4. Speaker Wire

GBOXS0028AWM1 (CD-C611H ONLY)

■ Surround speaker

5. Full-Range Speaker
6. Speaker Wire



CD-C607H/611H

■ Remote control

1. Remote Control Transmitter LED

● CD control section

2. Disc Number Select Buttons
3. Memory Button
4. Pause Button
5. Clear Button
6. Track Down/Review Button
7. Track Up/Cue Button
8. Disc Skip Button
9. Play/Repeat Button
10. Stop Button
11. Random Button

● Tuner control section

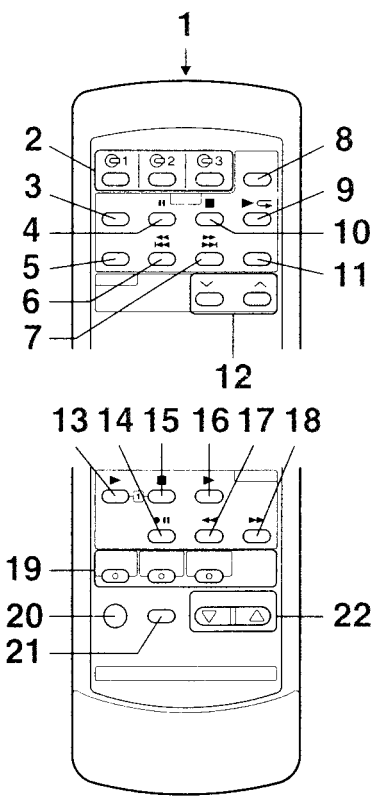
12. Preset Up/Down Buttons

● Tape control section

13. (TAPE 1) Play Button
14. (TAPE 2) Record Pause Button
15. (TAPE 1/2) Stop Button
16. (TAPE 2) Play Button
17. (TAPE 2) Rewind Button
18. (TAPE 2) Fast Forward Button

● Common section

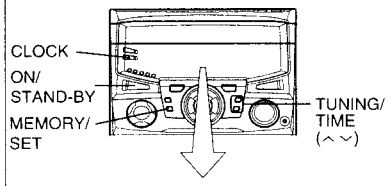
19. Function Selector Buttons
20. On/Stand-by Button
21. Extra Bass Button
22. Volume Up/Down Buttons

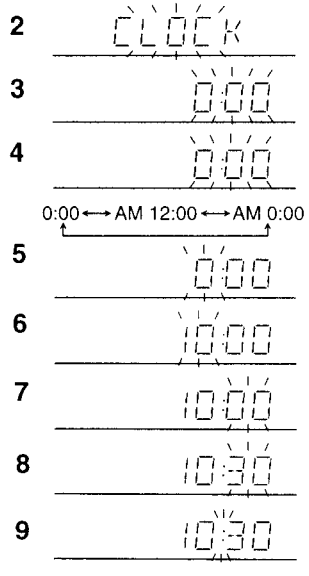


SETTING THE CLOCK

(Main unit operation)

In this example, the clock is set for the 24-hour (0:00) system.





1 Press the ON/STAND-BY button to enter the stand-by mode.

2 Press the CLOCK button.

3 Within 5 seconds, press the MEMORY/SET button.

4 Press the TUNING/TIME (∨ or ∧) button to select the time display mode.

"0:00" → The 24-hour display will appear. (0:00 - 23:59)
"AM 12:00" → The 12-hour display will appear. (AM or PM 12:00 - 11:59)
"AM 0:00" → The 12-hour display will appear. (AM or PM 0:00 - 11:59)

- Note that this can only be set when the unit is first installed or it has been reset.

5 Press the MEMORY/SET button.

6 Press the TUNING/TIME (∨ or ∧) button to adjust the hour.

- Press the TUNING/TIME (∨ or ∧) button once to advance the time by 1 hour. Hold it down to advance continuously.
- When the 12-hour display is selected, "AM" will change automatically to "PM".

7 Press the MEMORY/SET button.

8 Press the TUNING/TIME (∨ or ∧) button to adjust the minutes.

- Press the TUNING/TIME (∨ or ∧) button once to advance the time by 1 minute. Hold it down to change the time in 5 minute intervals.
- The hour setting will not advance even if minutes advance from "59" to "00".

9 Press the MEMORY/SET button.

- The clock starts operating from "0" seconds. (Seconds are not displayed.)

To see the time display:

Press the CLOCK button.

- The time display will appear for about 5 seconds.

Note:

- The clock display will flash on and off at the push of the CLOCK button when the AC power supply is restored after a power failure occurs or after the AC power lead is disconnected. If this happens, follow the procedure below to change the clock time.

To change the clock time:

① Press the CLOCK button.

② Within 5 seconds, press the MEMORY/SET button.

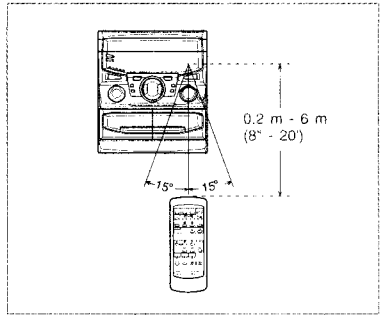
③ Perform steps 6 - 9 above.

To change the time display mode:

① Perform steps 1 - 2 in the section "RESETTING THE MICROCOMPUTER".

② Perform steps 1 - 9 above.

PREPARATION FOR USE

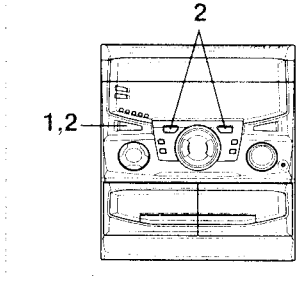


■ Remote control

Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic.
- Periodically clean the transmitter LED on the remote control and the sensor on the main unit with a soft cloth.
- Exposing the sensor on the main unit to strong light may interfere with operation. Change the lighting or the direction of the unit.
- Keep the remote control away from moisture, excessive heat, shock, and vibrations.

RESETTING THE MICROCOMPUTER



Reset the microcomputer under the following conditions:

- To erase all of the stored memory contents (clock and timer settings, and tuner and CD presets).
- If the display is not correct.
- If the operation is not correct.

1 Press the ON/STAND-BY button to enter the stand-by mode.

2 Whilst pressing down the ⏮/◀◀ button and the ▶▶/⏭ button, hold down the ON/STAND-BY button for at least 1 second.

Caution:

- The operation explained above will erase all data stored in memory including clock and timer settings, and tuner and CD presets.

DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need to be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

CD-C607H/611H

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw ..... (A1) x4	7-1
2	Side Panel (Left/Right)	1. Screw ..... (B1) x6 2. Hook ..... (B2) x2	7-1
3	CD Play Unit/ CD Player Unit	1. Turn on the power supply, open the disc tray, take out the CD tray cover, and close. (Note 1) 2. Hook ..... (C1) x5 3. Socket ..... (C2) x2	7-2
4	Back Board	1. Screw ..... (D1) x5	7-2
5	Main PWB	1. Screw ..... (E1) x3 2. Socket ..... (E2) x5 3. Flat wire ..... (E3) x3	8-1
6	Tuner PWB	1. Screw ..... (F1) x2	8-1
7	Front Panel	1. Screw ..... (G1) x2	8-1
8	Headphones PWB	1. Screw ..... (H1) x1 2. Guide ..... (H2) x1	8-2
9	Display PWB/ Switch PWB	1. Screw ..... (J1) x8 2. Hook ..... (J2) x7 3. Socket ..... (J3) x1	8-2
10	Tape Mechanism	1. Open the cassette holder 2. Screw ..... (K1) x6	8-2
11	Turntable	1. Screw ..... (L1) x1 2. Guide ..... (L2) x1	8-3
12	Disc Tray	1. Screw ..... (M1) x2 2. Guide ..... (M2) x2	8-3
13	CD Servo PWB (Note 2)	1. Screw ..... (N1) x1 2. Socket ..... (N2) x4	8-4
14	CD Changer Mechanism	1. Screw ..... (P1) x4	8-5
15	CD Mechanism	1. Screw ..... (Q1) x1	8-5

Note 1:

How to open the change manually.

1. Then, turn fully the lock lever in the arrow direction through the hole on the loading chassis bottom in this state. After that, push forward the CD player base. (Fig. 7-3)

Note 2:

1. After disconnecting the optical pickup connector, wrap the front end of connector in conductive aluminum foil to prevent damage to the optical pickup by static electricity.

CD-C607H/611H

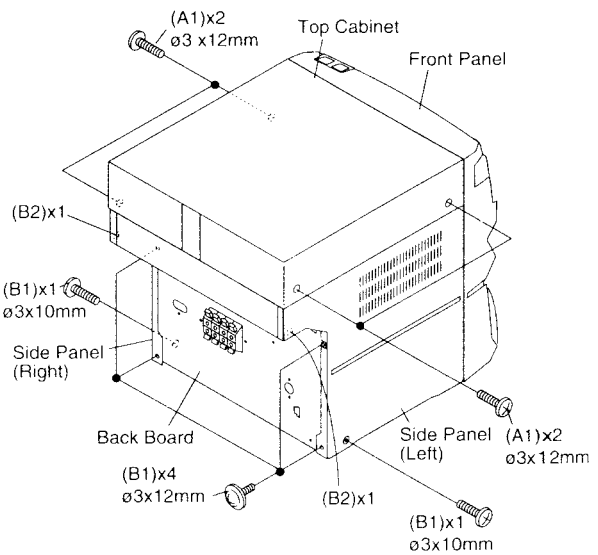


Figure 7-1

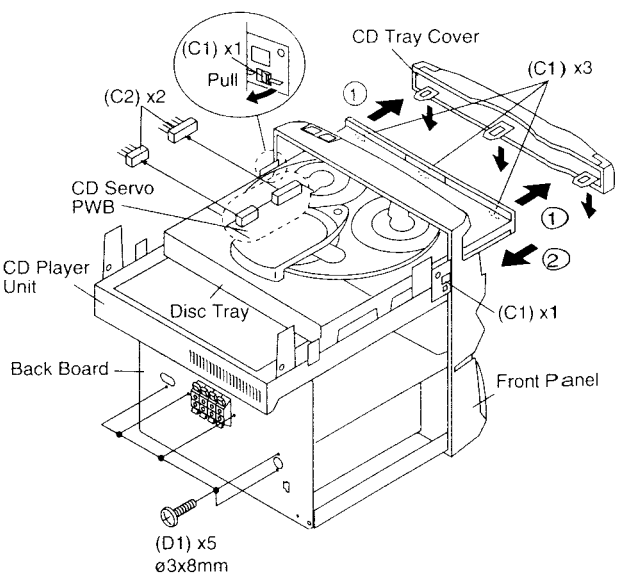


Figure 7-2

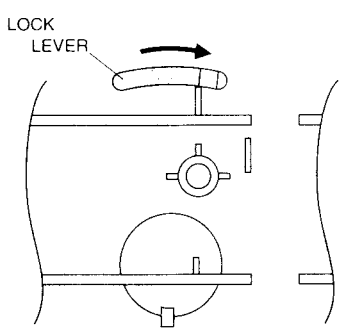


Figure 7-3

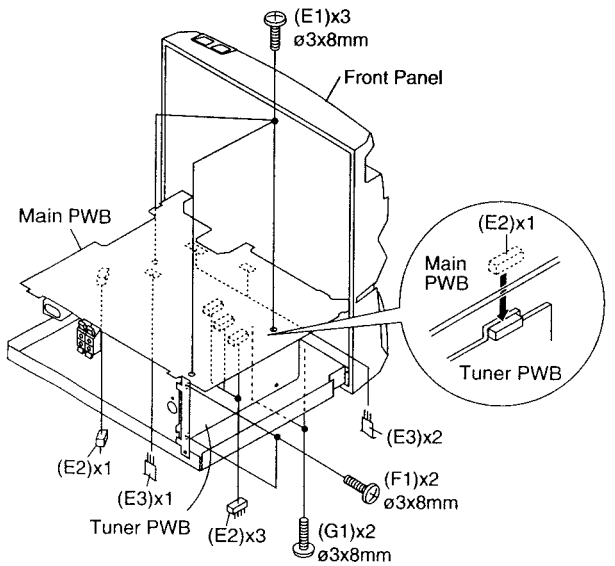


Figure 8-1

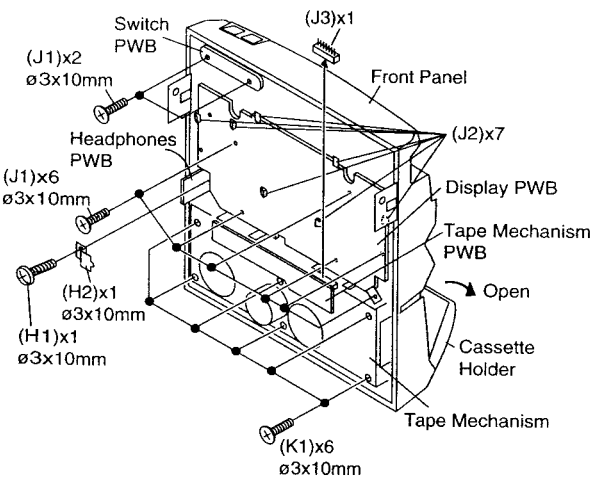


Figure 8-2

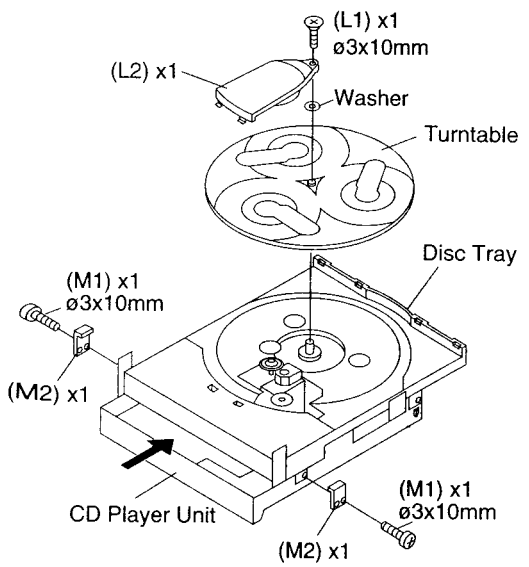


Figure 8-3

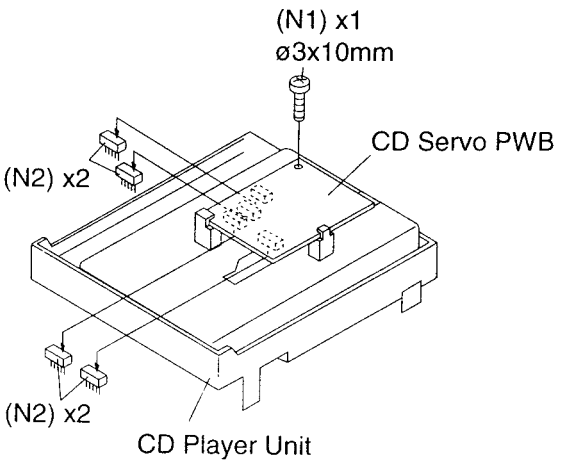
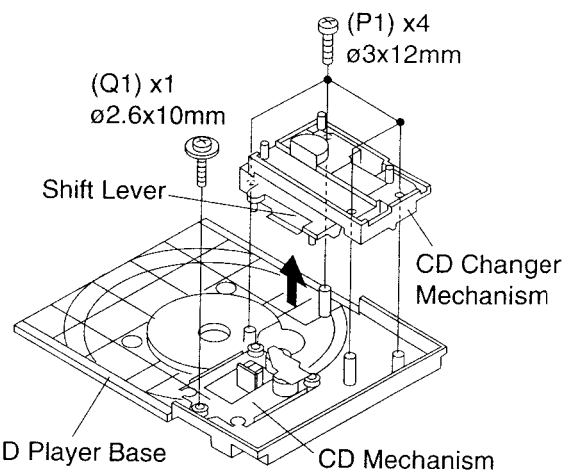


Figure 8-4



Be careful when installing the CD changer mechanism. Install the CD changer mechanism on the CD player base after the shift lever has been set in the highest position.

Figure 8-5

CP-C607H/611H

STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net ..... (A1) x1	9-1
		2. Duct Panel ..... (A2) x1	
		3. Screw ..... (A3) x4	9-2

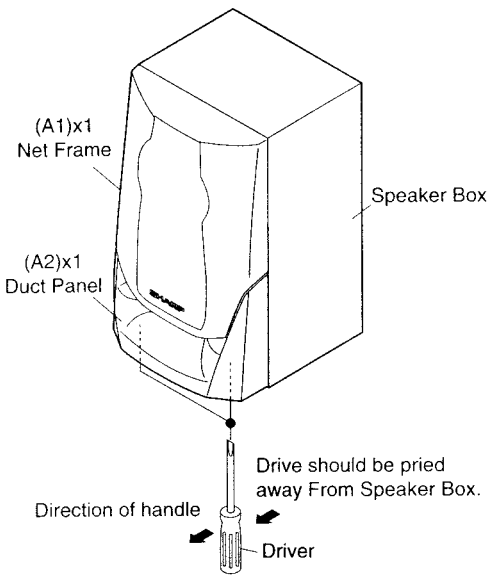


Figure 9-1

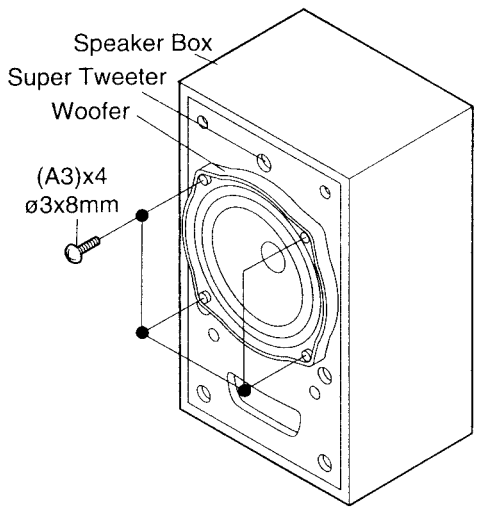


Figure 9-2

REMOVING AND REINSTALLING THE MAIN PARTS

CD MECHANISM SECTION

Perform steps 1, 2, 3, and 8 ~12 of the disassembly method to remove the CD mechanism.

How to remove the turntable up/loading/down motor (See Fig. 9-3)

1. Remove the screws (A1) x 2 pcs., to remove the turntable up/down/loading motor.

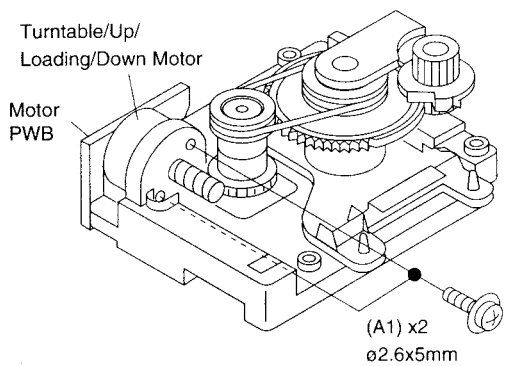


Figure 9-3

How to remove the pickup (See Fig. 9-4)

1. Remove the screws (B1) x 2 pcs., to remove the shaft (B2) x 1 pc.
2. Remove the stop washer (B3) x 1 pc., to remove the gear (B4) x 1 pc.
3. Remove the pickup.

Note:
After disconnecting the optical pickup connector, wrap the front end of connector in conductive aluminum foil to prevent damage to the optical pickup by static electricity.

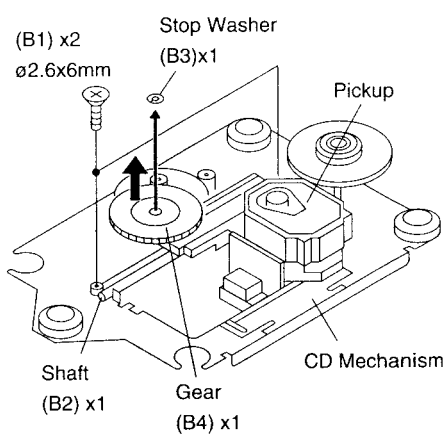


Figure 9-4

ADJUSTMENT

MECHANISM SECTION

• **Driving Force Check**

Torque Meter	Specified Value
Play: TW-2412	Tape 1: Over 80 g Tape 2: Over 80 g

• **Torque Check**

Torque Meter	Specified Value	
	Tape 1	Tape 2
Play: TW-2111	30 to 60 g. cm	30 to 60 g.cm
Fast forward: TW-2231	—	60 to 120 g.cm
Rewind: TW-2231	—	60 to 120 g.cm

• **Tape Speed**

	Test Tape	Adjusting Point	Specified Value	Instrument Connection
Normal speed	MTT-111	Variable Resistor in motor(MM1)	3,000 ± 30 Hz	Speaker terminal (Load resistance: 8 ohms)

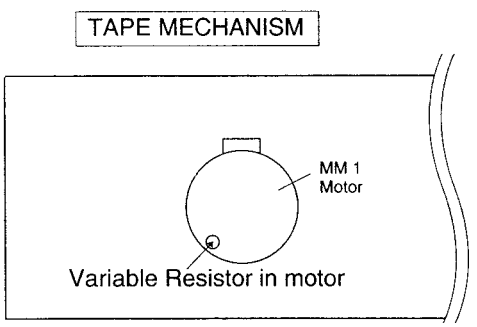


Figure 10-1 ADJUSTMENT POINTS

TUNER SECTION

fL: Low-range frequency
fH: High-renge frequency

• **AM IF/RF**

Signal generator: 400 Hz, 30%, AM modulated

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
IF	450 kHz	1,620 kHz	T351	*1
AM Band Coverage	—	522 kHz	(fL): T306 1.1 ± 0.1 V	*2
AM Tracking	990 kHz	990 kHz	(fL): T302	*1

*1. Input: Antenna, Output: TP302
*2. Input: Antenna, Output: TP301

• **FM Mute Level**

Signal generator: 1 kHz, 40 kHz dev., FM modulated

Frequency	Frequency Display	Adjusting Parts	Instrument Connection
98.00 MHz (25 dBμV)	98.00 MHz	VR351	Input: Antenna Output: Speaker Terminal

• **FM**

Notes:

1: Description of the "FM IF Adjustment" is not carried on this Manual. It is because the IF coil in the FM front end section has been best adjusted in the factory so that its further adjustment is not needed at the field. When replacing the FM front end assembly, no adjustment is needed either.

2: The parts in the FM front end section are prepared in a complete unit, so you can't obtain each part individually

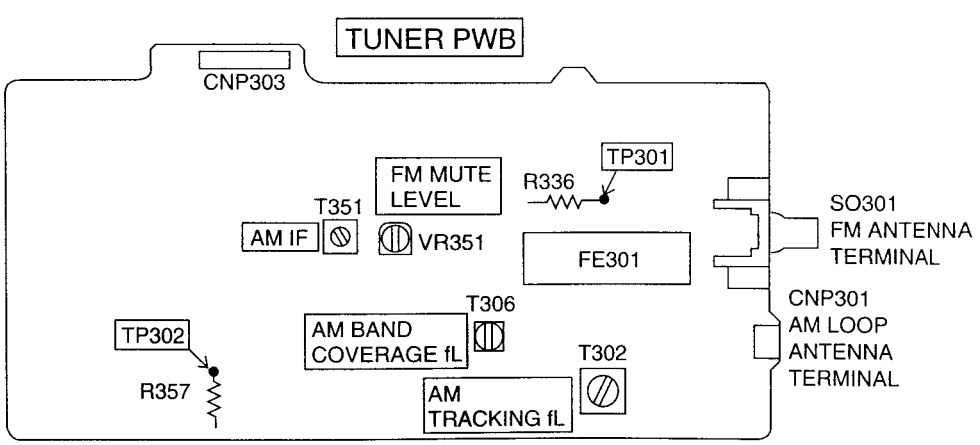


Figure 10-2 ADJUSTMENT POINTS

TEST MODE

• Setting the test mode

Any one of test mode can be set by pressing several keys as follows.
<REC. PAUSE> + <DISC. SKIP> + <POWER> TEST: CD operation test

• TEST mode

Function — CD test mode

Setting of TEST mode
|
Indication of CD TST mode (Fig. 11-1)
|
OPEN/CLOSE operation is manual operation.
|
The pickup can be moved by using the (▶▶) or (◀◀) key. — IL is not performed.

<MEMORY> LASER ON — <MEMORY> Tracking on the spot. SERVO OFF PLAY — <MEMORY> Tracking on the spot. SERVO ON PLAY — <STOP> STOP

<PLAY> key input — TOC. IL is performed, and the ordinary PLAY is performed. — Press <STOP> key. — Stop
If the following key is pressed during PLAY, it is possible to specify directly any Track No.
<Disc Number 1> key: Track 4
<Disc Number 2> key: Track 9
<Disc Number 3> key: Track 15

Note:

Only in STOP state it is possible to slide the pickup with the (▶▶) or (◀◀) key.
VOL. --- Last memory
BAL. --- CENTER
R.GEQ. --- FLAT
X-BAS --- OFF

Canceling method - POWER OFF

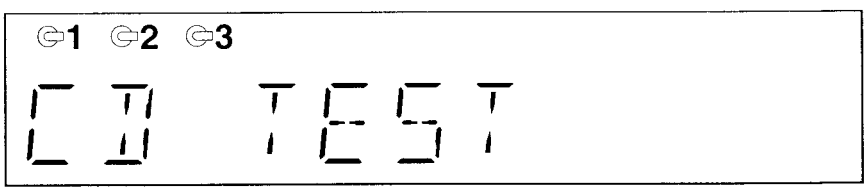


Figure 11-1

CD SECTION

Since this CD system incorporates the following automatic adjustment function, when the pickup is replaced, it is not necessary to readjust it.
Since this CD unit does not need adjustment, the combination of PWB and laser pickup unit is not restricted.

• Automatic adjustment item

1. Focus offset (Fig. 11-2)
2. Tracking offset (Fig. 11-3)
3. E/F balance (tracking error balance) (Fig. 11-4)
4. RF level AGC function (HF level: constant)
5. RF level automatic follow-up of the tracking gain

This automatic adjustment is performed each time a disc is changed. Therefore, each disc is played back using the optimal settings.

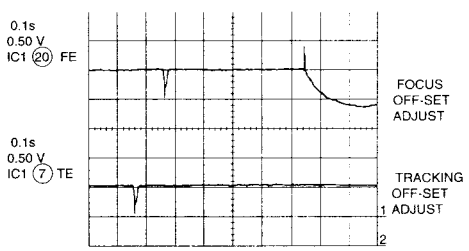


Figure 11-2

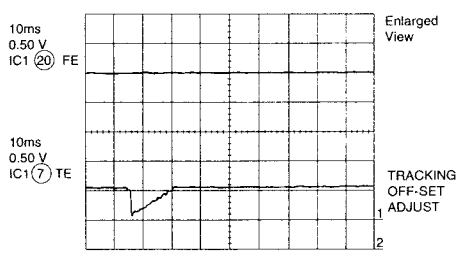


Figure 11-3

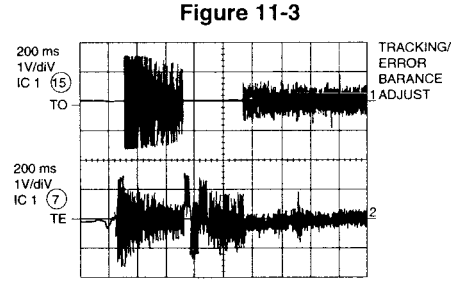


Figure 11-4

CD ERROR CODE DESCRIPTION

When a malfunction occurs during CD operation, an error code will be displayed to identify the function in CD operation which failed.

Error	State Code
0001	Cannot detect pickup-IN SW
0101	Tray close operation error
0105	Tray close operation error
0201	Tray open operation error
0203	Tray open operation error
0304	Disc skip operation error
0305	Disc skip operation error
0307	Disc skip operation error

RDS (Radio Data System) OPERATION

RDS is a broadcasting service which a growing number of FM stations are now providing. It allows these FM stations to send additional signals along with their regular programme signals. For example, the stations send their station names, and information about what type of programme they broadcast, such as sports or music, etc.

When tuned to an FM station which provide the RDS service, the RDS will appear, the station frequency (and then the station name if sent) is displayed.

The TP (Traffic Programme) will appear on the display when the received broadcast carries traffic announcements, and the TA (Traffic Announcement) will appear whilst a traffic announcement is being received.

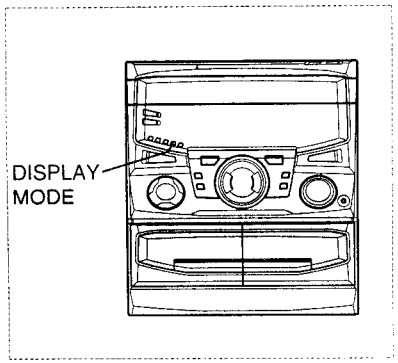
EON will appear whilst the EON (Enhanced Other Networks information) data is being broadcast.

The PTYI (Dynamic PTY Indicator) will appear whilst the Dynamic PTY station is being received.

Note:

When the TP and TA appear at the same time, an announcement is being made.

When only the TA appears, an announcement is not being made.



■ Information Provided by RDS

With the CD-C611H, you can display three types of RDS service. To show them in the display, press the DISPLAY MODE button. Each time you press the DISPLAY MODE button, the display will change to show the following information.

PS (Programme Service):	Station names commonly known will be displayed. "NO PS" appears if no signal is being received.
PTY (Programme Type):	Programme type will be displayed. "NO PTY" appears if no signal is being received.
RT (Radio Text):	Radio text will be displayed. "NO RT" appears if no signal is being received.
Station Frequency:	Station frequencies.

(Continued)

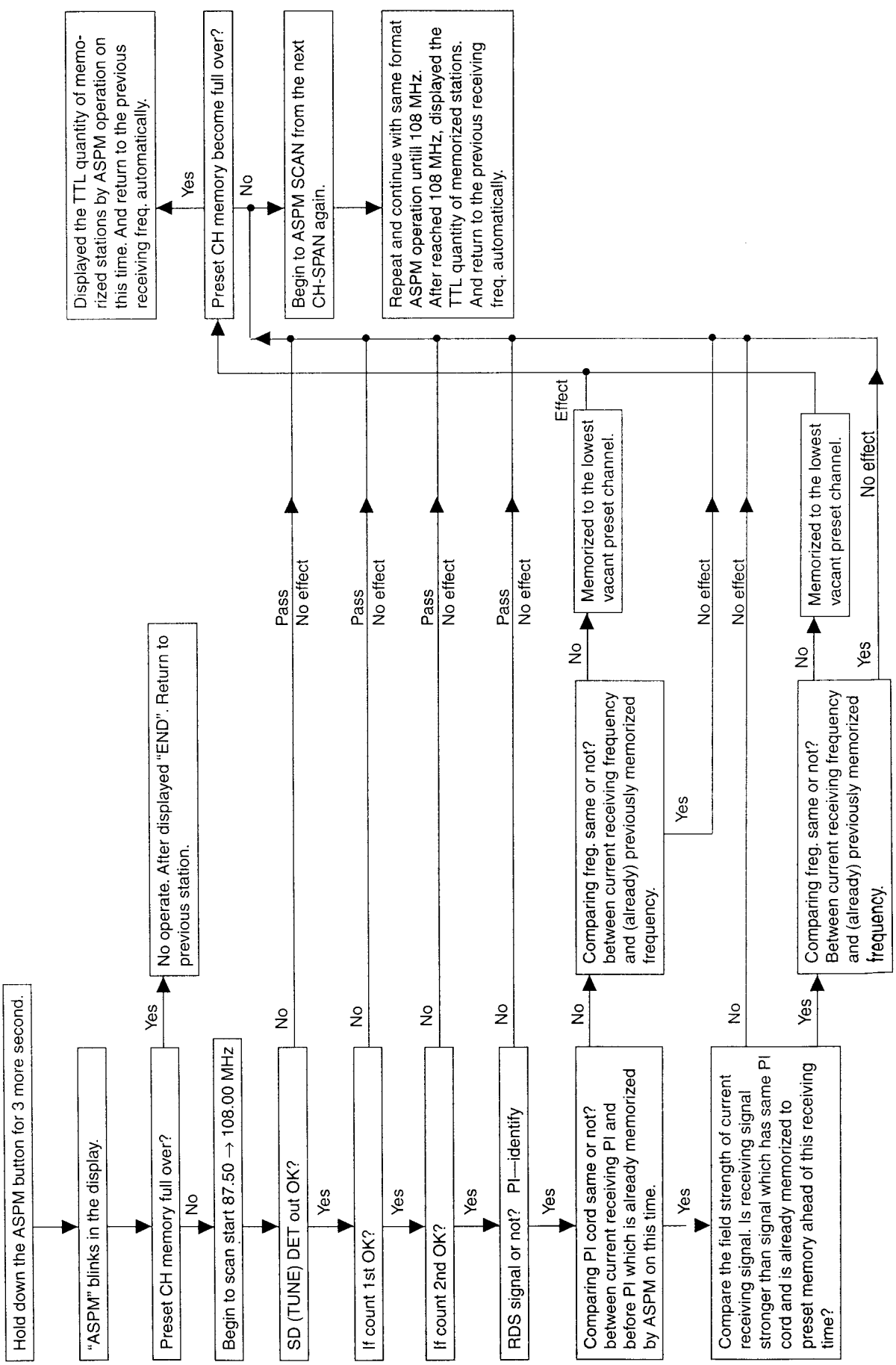
Descriptions of the PTY (Programme Type) codes, TP (Traffic Programme) and TA (Traffic Announcement) With the CD-C611H, you can search for and receive the following PTY, TP and TA signals.

NEWS:	Short accounts of facts, events and publicly expressed views, reportage and actuality.
AFFAIRS:	Topical programme expanding or enlarging upon the news, generally in different presentation style or concept, including debate, or analysis.
INFO:	Programmes whose purpose is to impart advice in the widest sense.
SPORT:	Programme concerned with any aspect of sport.
EDUCATE:	Programme intended primarily to educate, of which the formal element is fundamental.
DRAMA:	All radio plays and serials.
CULTURE:	Programmes concerned with any aspect of national or regional culture, including language, theatre, etc.
SCIENCE:	Programmes about the natural sciences and technology.
VARIED:	Used for mainly speech-based programmes usually of light-entertainment nature, not covered by other categories. Examples include: quizzes, panel games, personality interviews.
POP M:	Commercial music, which would generally be considered to be of current popular appeal, often featuring in current or recent record sales charts.
ROCK M:	Contemporary modern music, usually written and performed by young musicians.
EASY M:	Current contemporary music considered to be "easy-listening", as opposed to Pop, Rock or Classical, or one of the specialized music styles, Jazz, Folk or Country. Music in this category is often but not always, vocal, and usually of short duration.
LIGHT M:	Classical Musical for general, rather than specialist appreciation. Examples of music in this category are instrumental music, and vocal or choral works.
CLASSICS:	Performances of major orchestral works, symphonies, chamber music etc., and including Grand Opera.
OTHER M:	Musical styles not fitting into any of the other categories. Particularly used for specialist music of which Rhythm & Blues and Reggae are examples.
WEATHER:	Weather reports and forecasts and Meteorological information.
FINANCE:	Stock Market reports, commerce, trading etc.
CHILDREN:	For programmes targeted at a young audience, primarily for entertainment and interest, rather than where the objective is to educate.
SOCIAL:	Programmes about people and things that influence them individually or in groups. Includes: sociology, history, geography, psychology and society.
RELIGION:	Any aspect of beliefs and faiths, involving a God or Gods, the nature of existence and ethics.
PHONE IN:	Involving members of the public expressing their views either by phone or at a public forum.
TRAVEL:	Features and programmes concerned with travel to near and far destinations, package tours and travel ideas and opportunities. Not for use for Announcements about problems, delays, or roadworks affecting immediate travel where TP/TA should be used.
LEISURE:	Programmes concerned with recreational activities in which the listener might participate. Examples include, Gardening, Fishing. Antique collecting, Cooking, Food & Wine etc.
JAZZ:	Polyphonic, syncopated music characterised by improvisation.
COUNTRY:	Songs which originate from, or continue the musical tradition of the American Southern States. Characterised by a straightforward melody and narrative story line.
NATION M:	Current Popular Music of the Nation or Region in that country's language, as opposed to International 'Pop' which is usually US or UK inspired and in English.
OLDIES:	Music from the so-called "golden age" of popular music.
FOLK M:	Music which has its roots in the musical culture of a particular nation, usually played on acoustic instruments. The narrative or story may be based on historical events or people.
DOCUMENT:	Programme concerned with factual matters, presented in an investigative style.
TEST:	Broadcast when testing emergency broadcast equipment or receivers.
ALARM !:	Emergency announcement made under exceptional circumstances to give warning of events causing danger of a general nature.
NONE:	No programme type (receive only).
TP:	Broadcasts which carry traffic announcements.
TA:	Traffic announcements are being broadcast at present.

Note:

- When the unit is in the EON stand-by mode and a programme is selected, the unit will display "TI" instead of "TA".

ASPM, summary operation

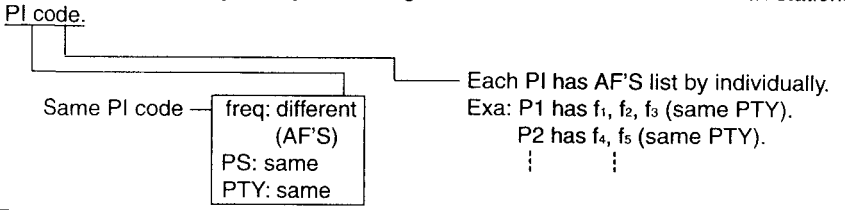

Hold down the ASPM button for 3 more second.
"ASPM" blinks in the display.
Preset CH memory full over?
Yes
No operate. After displayed "END". Return to previous station.
No
Begin to scan start 87.50 → 108.00 MHz
SD (TUNE) DET out OK?
No
Pass
No effect
Yes
If count 1st OK?
No
Pass
No effect
Yes
If count 2nd OK?
No
Pass
No effect
Yes
RDS signal or not? PI—identify
No
Pass
No effect
Yes
Comparing PI cord same or not? between current receiving PI and before PI which is already memorized by ASPM on this time.
No
Comparing freq. same or not? between current receiving frequency and (already) previously memorized frequency.
No
Memorized to the lowest vacant preset channel.
Effect
Yes
Compare the field strength of current receiving signal. Is receiving signal stronger than signal which has same PI cord and is already memorized to preset memory ahead of this receiving time?
No
No effect
Yes
Comparing freq. same or not? Between current receiving frequency and (already) previously memorized frequency.
No
Memorized to the lowest vacant preset channel.
Yes
No effect
Preset CH memory become full over?
No
Begin to ASPM SCAN from the next CH-SPAN again.
Repeat and continue with same format ASPM operation untill 108 MHz. After reached 108 MHz, displayed the TTL quantity of memorized stations. And return to the previous receiving freq. automatically.
Yes
Displayed the TTL quantity of memorized stations by ASPM operation on this time. And return to the previous receiving freq. automatically.

CD-C607H/611H

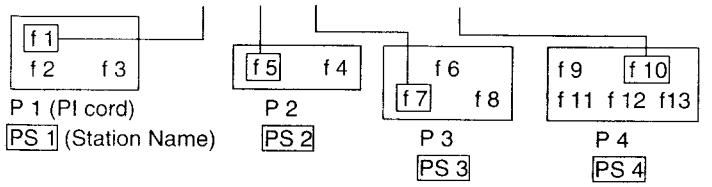
- ASPM SCAN: 87.50MHz → 108.00 MHz.
- Only RDS signal is memorized by ASPM because RDS signal has PI code and is suitable and convenient for ASPM operation.

ASPM

Comparing field strength, only one strongest RDS station is memorized of all stations (repeater relay stations) that have same PI code.



[For example] Pickup and memorized to preset CH.



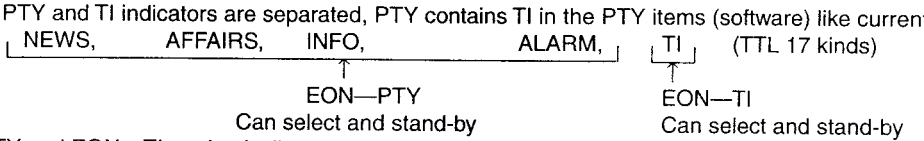
Select signals (f1, f5, f7, f10) are memorized in the preset memory by ASPM.

- If tentative - ASPM operation is repeated intententionally, never memorized (over write) at the same frequecy. 1st time ASPM → strongest stations of each pi are memorized.

ASPM is not only very usefull for PTY search, but also EON operation.
2nd time ASPM → 2nd strong stations of each pi are memorized and so on.
PTY search function is equal to FM band search function as a result.

1. Introduction of RDS for CD-C607H/611H

CD-C607H/611H RDS function is equal to adding EON feature to the current CD-C75H RDS.
EON feature is EON—PTY and EON—TI.
Although PTY and TI indicators are separated, PTY contains TI in the PTY items (software) like current PTY search items.



EON—PTY and EON—TI are basically stand-by → receive the desired program of ON station.

2. The difference point from current CD-C75H RDS. (CD-C75H — CD-C607H/611H)

1. PTY item: added TA.TTL 18 kind.
2. Each "TP", "TA" ind. light up or go out individually.
   "TA" ind. doesn't light up on current model, CD-C75H due to none EON—TI.
3. Added 3 indicators(in FL) due to adding EON feature.
   EON: Lights up only during receiving EON data (14A).
   TI: During EON-TI stand-by → Light up
   During receiving ON station. → blink.
   PTY: During EON-PTY stanb-by → Light up
   During receiving ON station. → blink.
4. No adjust type (None adjusting circuit.)
5. Added EON button.
6. Need to change RDS logo due to add EON feature.
7. Added EON—TI, EON—PTY function.

3. Summary of CD-C3H RDS—EON operation

EON—PTY: Select and set the desired "PTY" → stand-by → switch to ON(other network) Station at the start of desired PTY automatically → stay and listen to PTY of ON station → switch back to TN(This net) station automatically at the end of PTY(ON) i.e. after changing to another PTY(except AF M FAIRS) or cancelling to receive PTY of ON station midway.

EON—TI: Select and set the "TI" → stand-by → switch to ON station at the start of traffic announcement automati cally → stay and listen to TA of ON station → switch back to TN station autmatically at the end of TA(ON). ie after TA(ON) is over or cancelled to receive TA of ON station midway.
When switching TN → ON station.

In case of exist 2 more stations having the desired(specified) "PTY" or "TI", the receiver will select and switch to ON station comparing field strength at the same time. But when the frequency of ON station exists in the preset-memory, then reciver switches straight to that ON station(CH), without comparing field strength so can make a quick switching from TN—ON sta tion. Preset memory takes priority of switching TN—ON station.

therefore ASPM is usefull not only for PTY search but also for rapid EON switching. Anyway CD-C607H/611H EON is basically stand-by and receiving method, along with the Guidelines for EON implementation.

EON summary notice for reference

1. EON-TI/PTY — EON stand-by can be set, only when EON ind. lights up.
   While EON ind. goes out (NO EON STATION), EON stand-by can't be set.
   If the EON button is pressed, then "NO EON" is indication the display.
2. EON-TI/PTY — Even if switch back ON→TN station continue to keep EON stand-by.
3. EON-TI — Don't switch TN→ON during TN broadcast TA. (same item)
4. EON-TI/PTY — EON can be cancelled during receiving ON station by pressing EON button if necessary and switch back ON→TN.
5. EON-TI/PTY — EON stand-by is perfectly cancelled (cleared) by pressing EON button 2 times during stand-by or powerOFF or Tun Up/Down or change band or recall pre-set CH.
6. EON-TI/PTY — After setting EON stand-by, stand-by items can be confirmed by pressing EON button one time.
7. EON-TI/PTY — EON button function:
   - EON setting
   - Confirm stand-by items
   - Cancel (ON→TN)
   - EON clear cancel (2 times)
8. EON-TI/PTY — After setting EON-TI and EON-PTY stand-by, if when EON data is not transmitted, EON ind goes out and EON stand-by is automatically cancelled display "NO EON".
9. EON-TI — EON-TI stand-by can't be set. When TP=0,TA=0(TN) even if EON ind. lights up and the EON button is pressed then "NO TI" is indication the display.
10. EON-PTY — Don't switch TN→ON during TN broadcast same specified PTY. (same item of PTY)
11. EON-TI/PTY — Switch TN→ON→ TN station one cycle.
    Never switch TN→ON1→ON2→ Other net to other net station.
12. EON-TI/PTY — After switch TN→ON station. When ON station is NO RDS, NO signal, TA=OFF or different PTY items. The receiver switch back ON→TN displaying "NO READY".
13. — During receive ON station. when ON station become to be NO RDS, NO signal, TA=ON to OFF or different PTY item, The receiver switch back ON→TN.
14. EON-TI/PTY — Switch TN→ON in case of 2 more stations exist, comparing field strength and switch to the strongest station, if these signals are same strength, switch to the first previous station.
    If same frequency as AF'Sexists in the preset memory, then switch TN→ON (preset memory station) straight.
    In case of exist 2 more preset memories of AF'S,then switch to the preset CH which taken in EON DATA first, also in this case no concern to field strength.
15. — Even if switch TN→ON preset memory straight, that ON station is very weak signal, then search another AF'S (ON) station comparing field strength and switch to the strongest station as a result. Of all atations of AF'S are very weak or no good condition, then, switch back ON→TN automatically display "NO READY".
16. EON-TI/PTY — No linkage volume, power ON/OFF, and switch function.

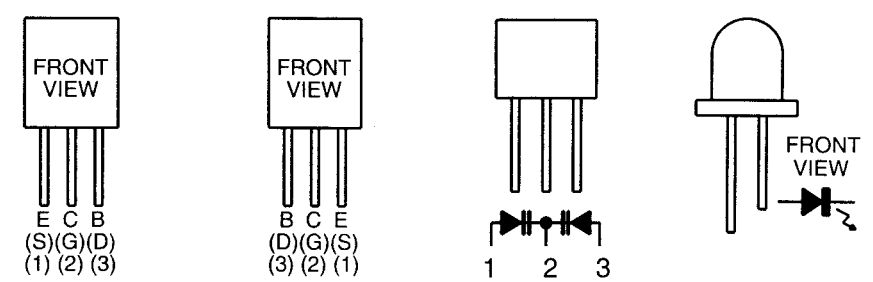
Traffic Programme code (TP)	Traffic Announcement code (TA)	Applications
OFF	OFF	This programme does not carry traffic announcements nor does it refer, via EON, to a programme that does.
OFF	ON	This programmecarries EON information about another programme which gives traffic information.
ON	OFF	This programme carries traffic announcements but none are being broadcast at present and may also carry EON information about other traffic announcements.
ON	ON	A traffic announcement is being broadcast on this programme at present.

NOTES ON SCHEMATIC DIAGRAM

- Resistor:
  To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- Capacitor:
  To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
  (CH), (TH), (RH), (UJ): Temperature compensation
  (ML): Mylar type
  (P.P.): Polypropylene type
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
  1. In the tuner section,
     ( ) indicates AM
     < > indicates FM stereo
  2. In the main section, a tape is being played back.
  3. In the deck section, a tape is being played back.
     ( ) indicates the record state.
  4. In the power section, a tape is being played back.
  5. In the CD section, the CD is stopped.
- Parts marked with "⚠" (⊏ ═ ═ ═ ⊐) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW1	OPEN/CLOSE	ON—OFF
SW2	MECHA UP	ON—OFF
SW3	DISC NUMBER	ON—OFF
SW4	PICKUP IN	ON—OFF
SW701	ON/STAND-BY	ON—OFF
SW702	DISPLAY MODE	ON—OFF
SW703	CLOCK	ON—OFF
SW704	TIMER/SLEEP	ON—OFF
SW706	DISK SKIP	ON—OFF
SW707	OPEN/CLOSE	ON—OFF
SW710	FAST FORWARD	ON—OFF
SW711	REC PAUSE	ON—OFF
SW712	MEMORY/SET	ON—OFF
SW713	STOP	ON—OFF
SW714	TUNER (BAND)	ON—OFF
SW715	TAPE	ON—OFF

REF. NO	DESCRIPTION	POSITION
SW716	CD	ON—OFF
SW717	PTY.TI SEARCH	ON—OFF
SW718	EON	ON—OFF
SW719	ASPM	ON—OFF
SW720	STATION	ON—OFF
SW722	REWIND	ON—OFF
SW723	TUNING UP	ON—OFF
SW724	TUNING DOWN	ON—OFF
SW725	PLAY	ON—OFF
SW726	VOLUME DOWN	ON—OFF
SW727	VOLUME UP	ON—OFF
SW728	X-BASS/DEMO	ON—OFF
SWM3	FOOI PROOF	ON—OFF
SWM4	F.A.S.	ON—OFF
SWM5	CAM	ON—OFF



2SC2389 SE
2SC380 O
KRC102 M
KRC104 M
KRC107 M
KTA1266 GR
KTA1271 Y
KTA1273 Y
KTC3199 GR
KTC3203 Y

2SA1318

SVC348S

SLI342UCJ1

Figure 16 TYPES OF TRANSISTOR AND LED

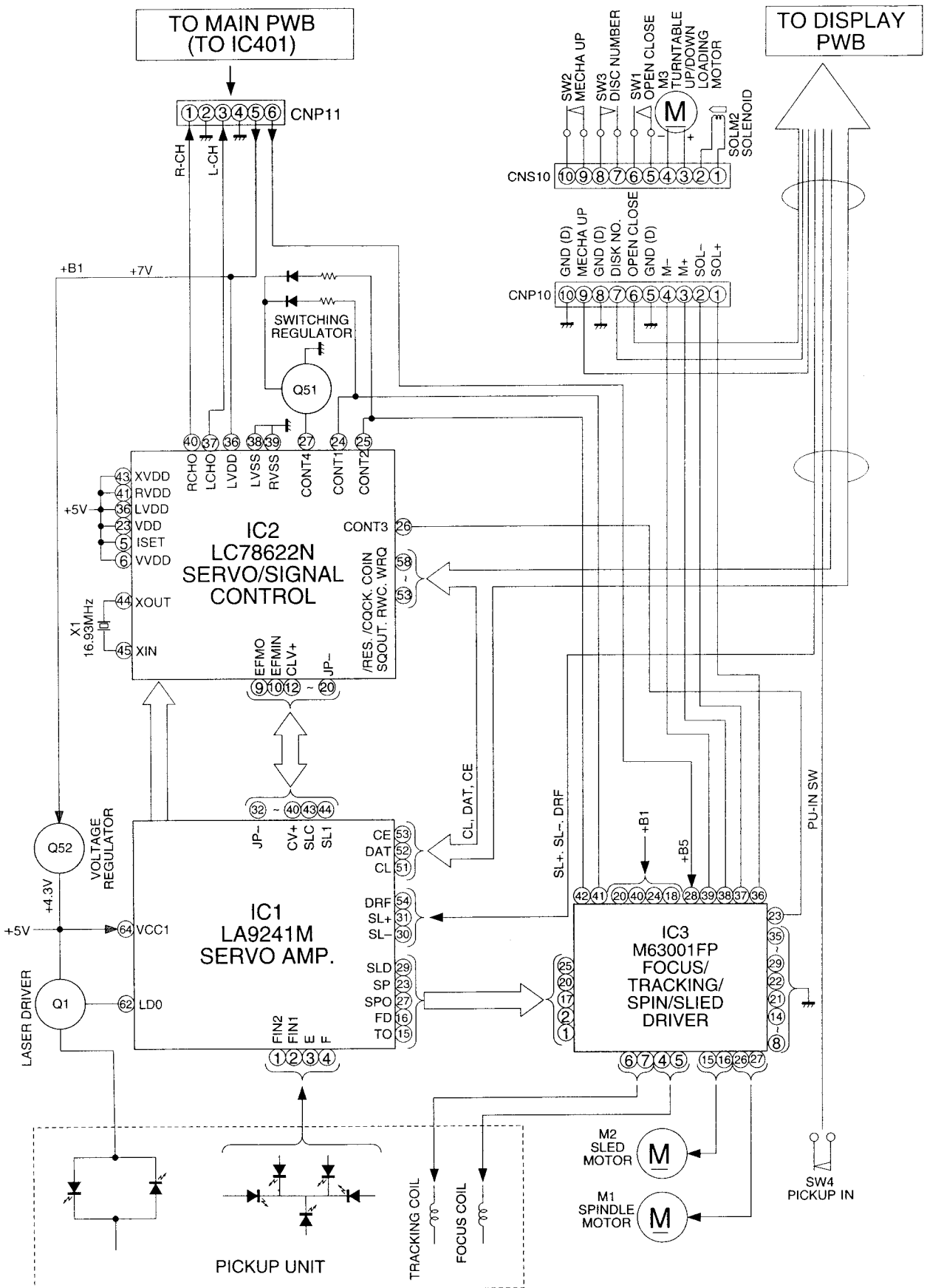


Figure 17 BLOCK DIAGRAM (1/3)

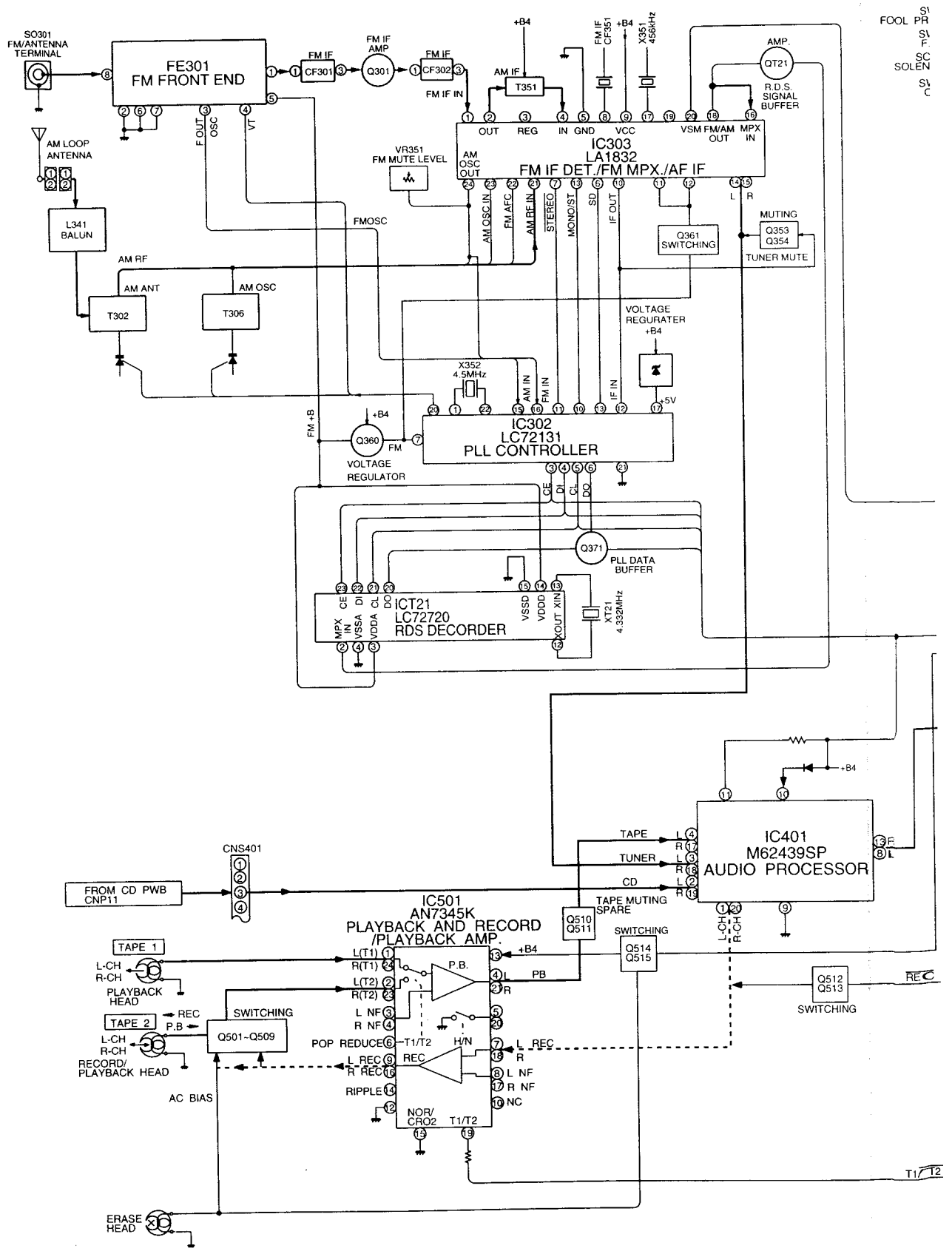


Figure 18 BLOCK DIAGRAM (2/3)

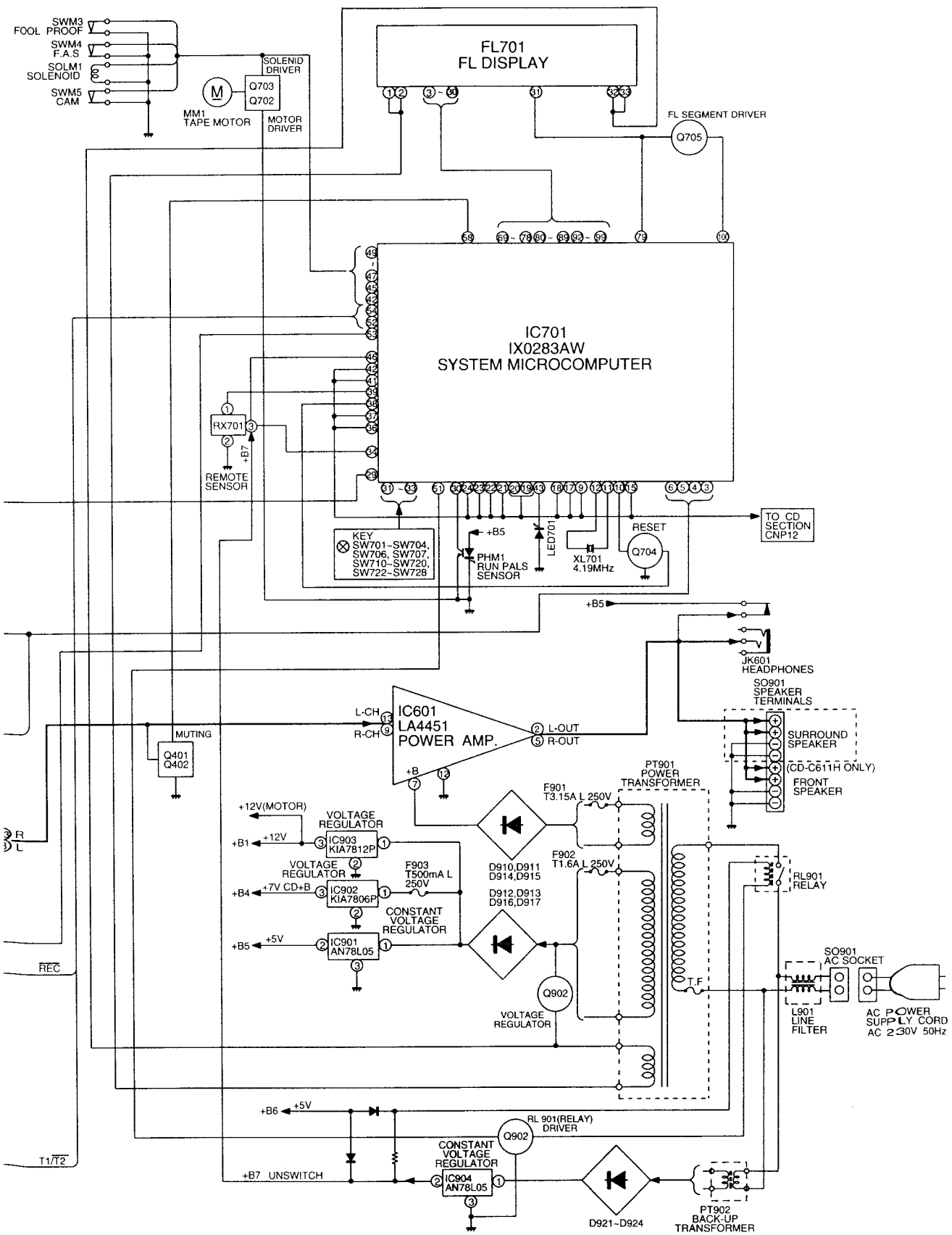
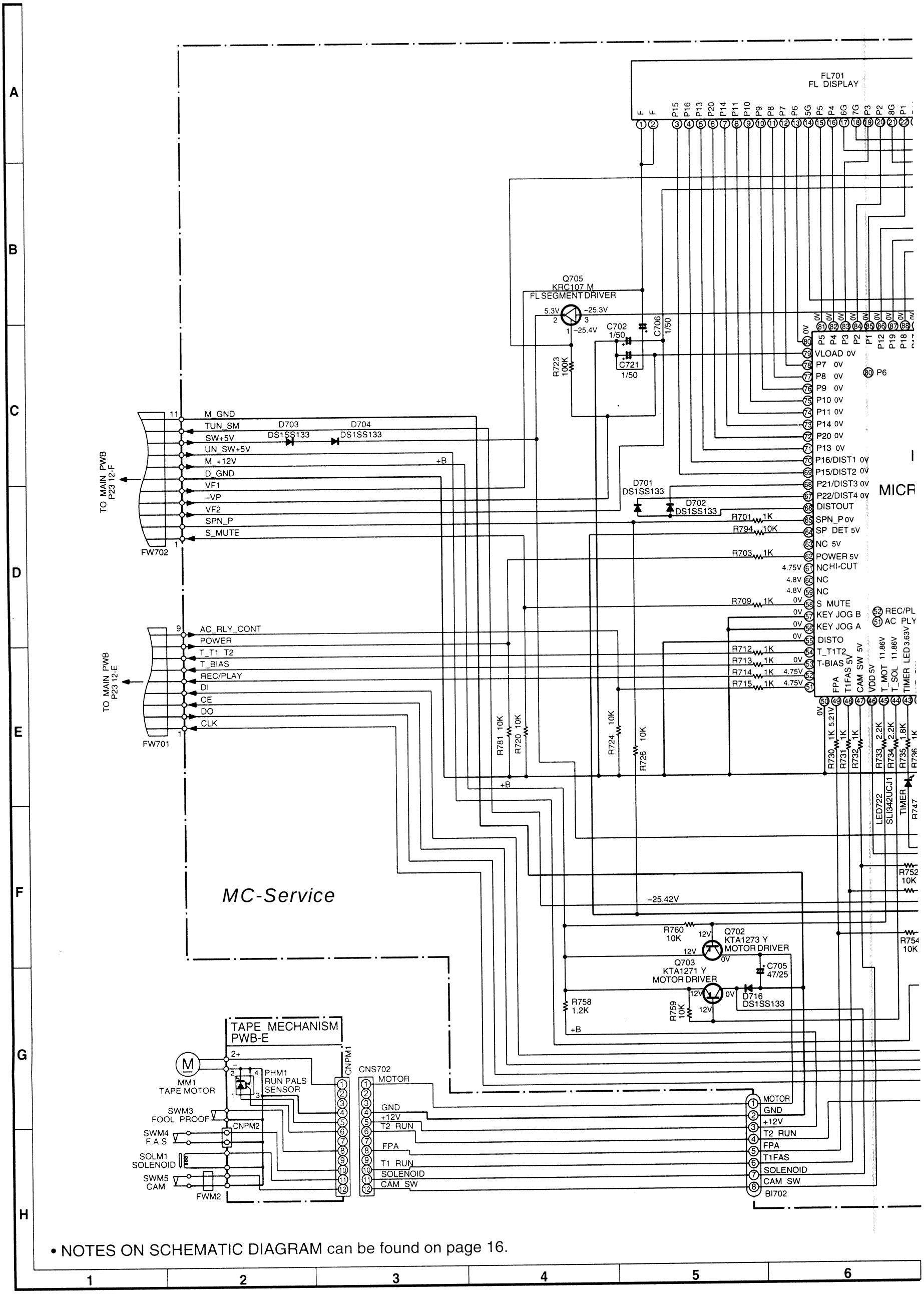


Figure 19 BLOCK DIAGRAM (3/3)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

Figure 20 SCHEMATIC DIAGRAM (1/10)

DISPLAY PWB-A2

MC-Service

FL701 DISPLAY

IC701
IX0283AW
SYSTEM
MICROCOMPUTER

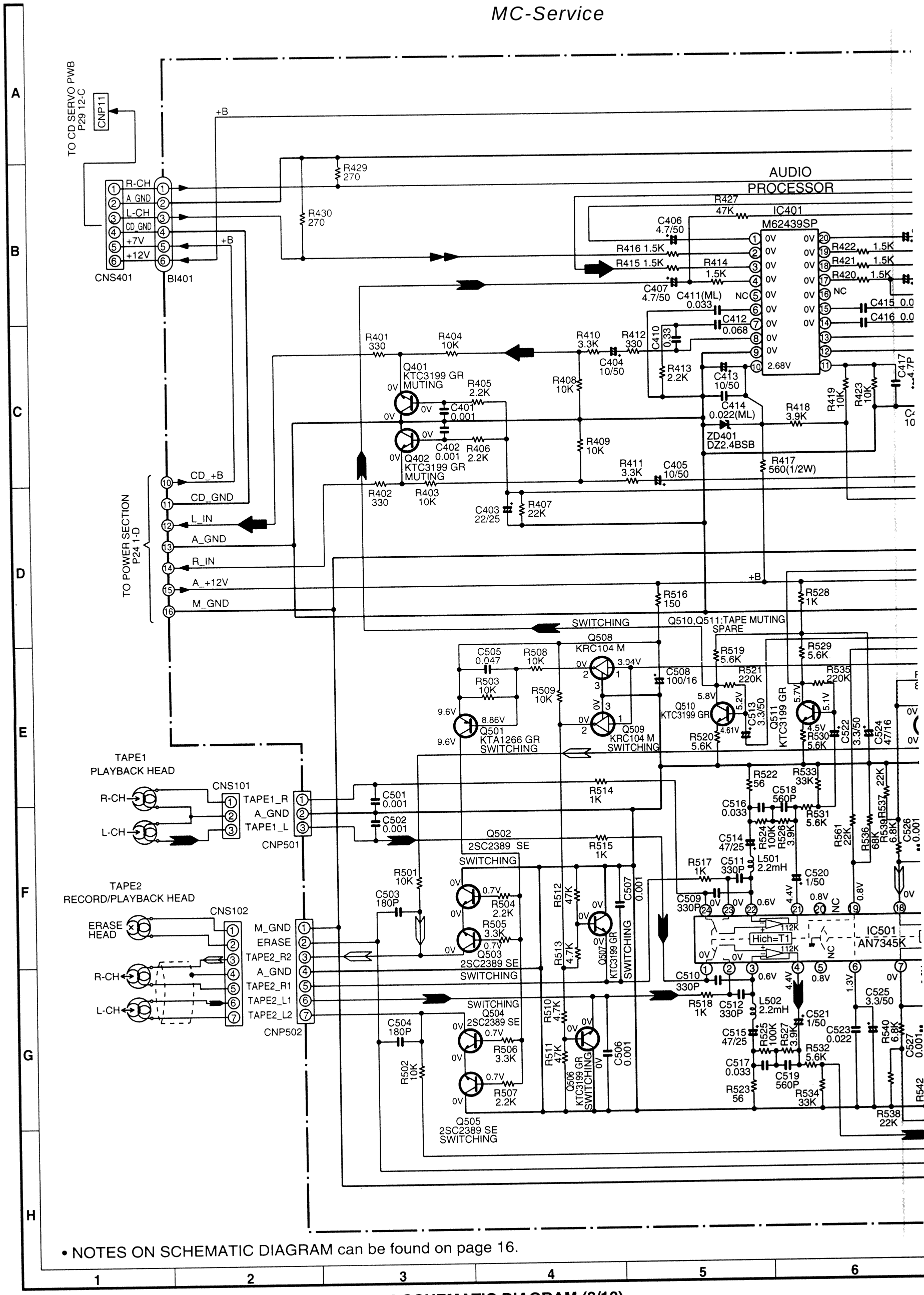
CNS701

CNP12 TO CD PWB P29 7-H

SWITCH PWB-A4

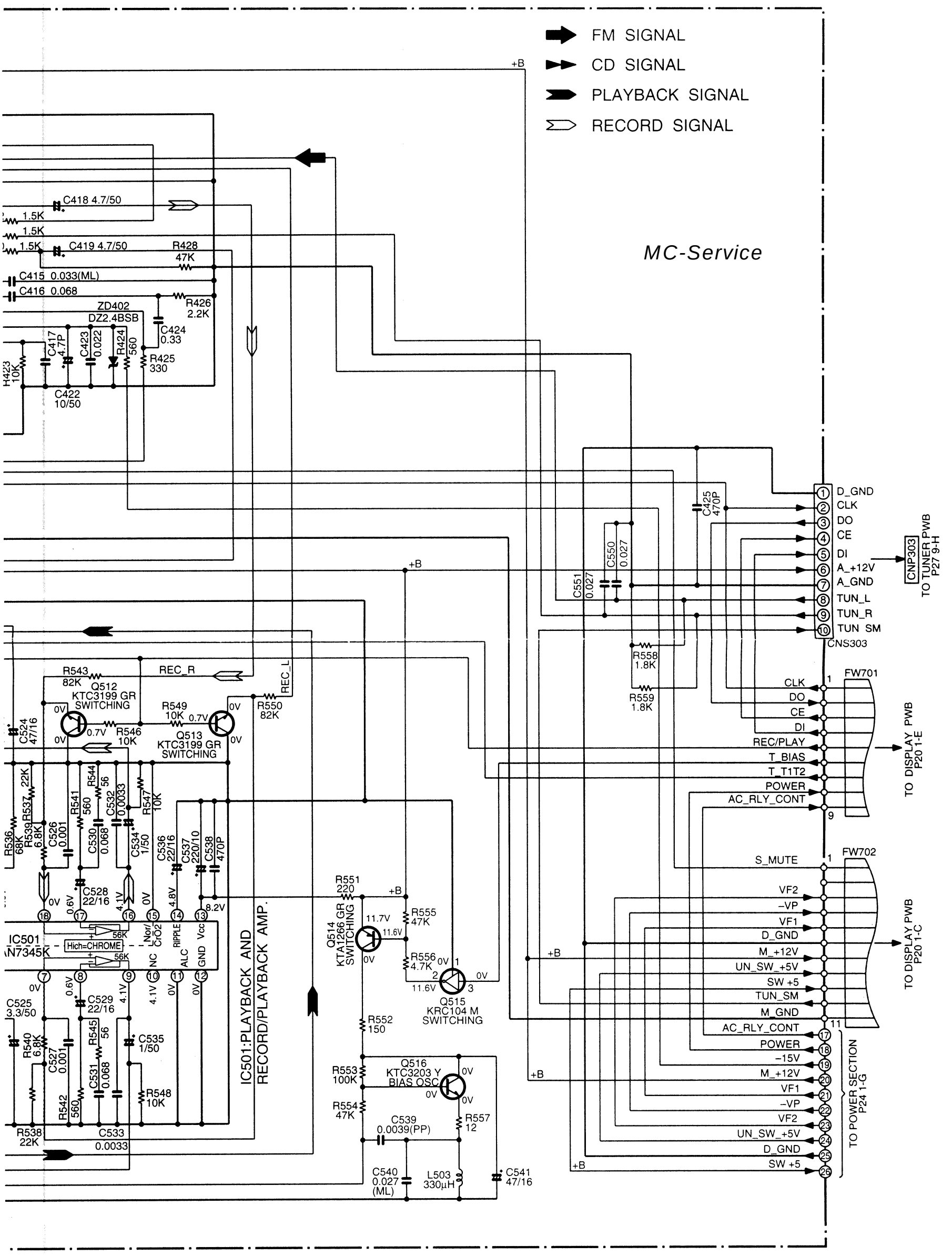
Figure 21 SCHEMATIC DIAGRAM (2/10)

MC-Service



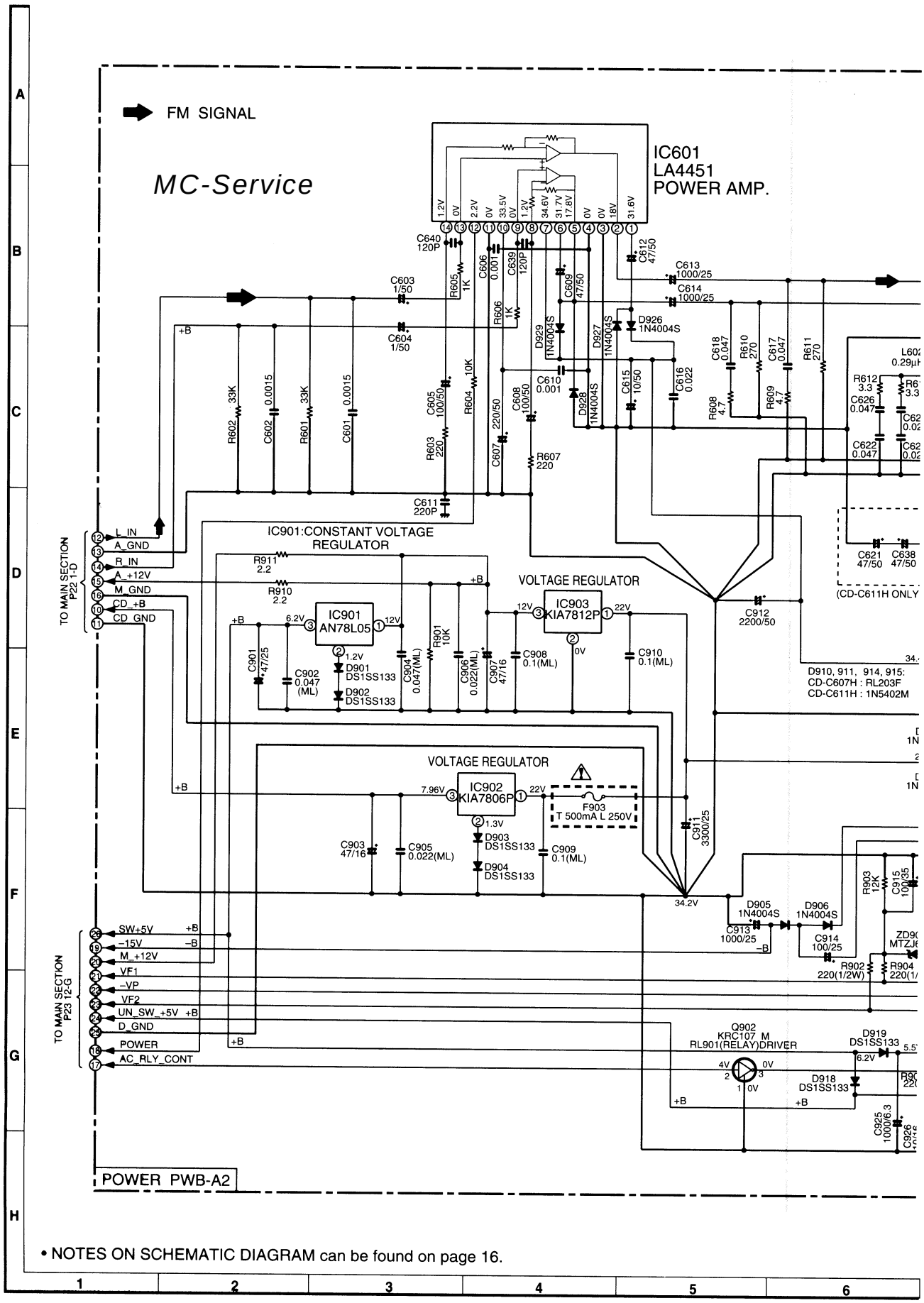
• NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

Figure 22 SCHEMATIC DIAGRAM (3/10)



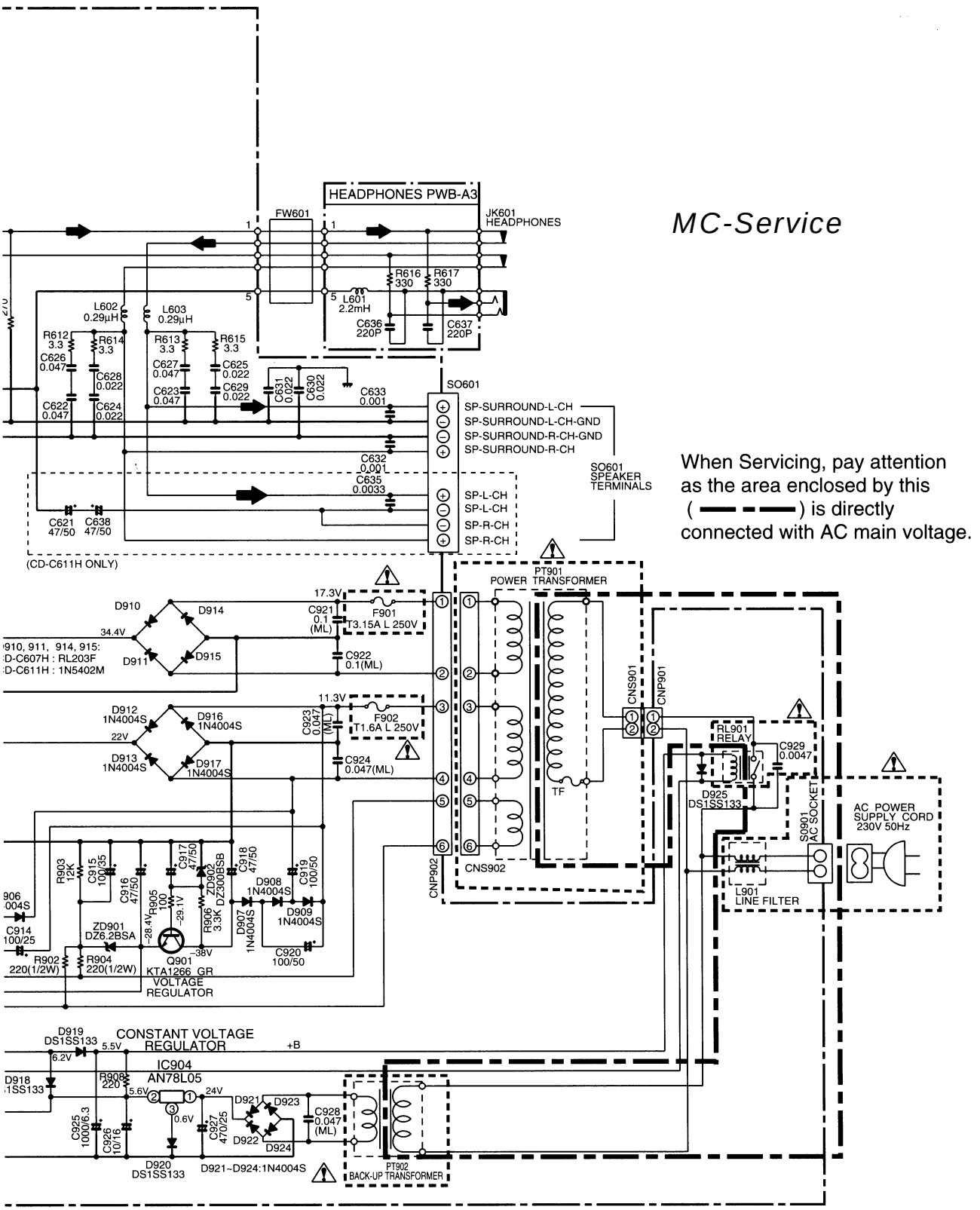
7	8	9	10	11	12

Figure 23 SCHEMATIC DIAGRAM (4/10)



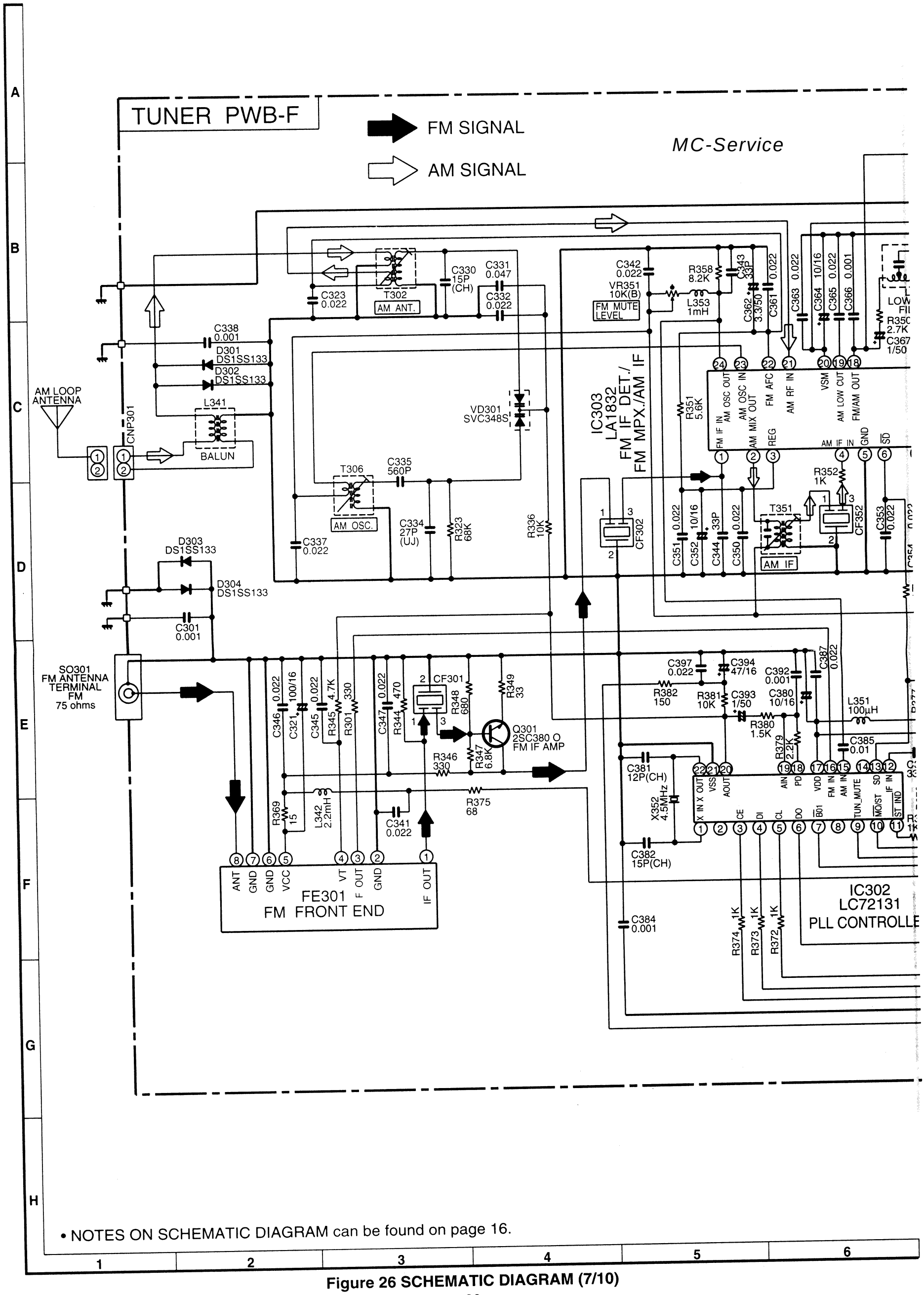
• NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

Figure 24 SCHEMATIC DIAGRAM (5/10)



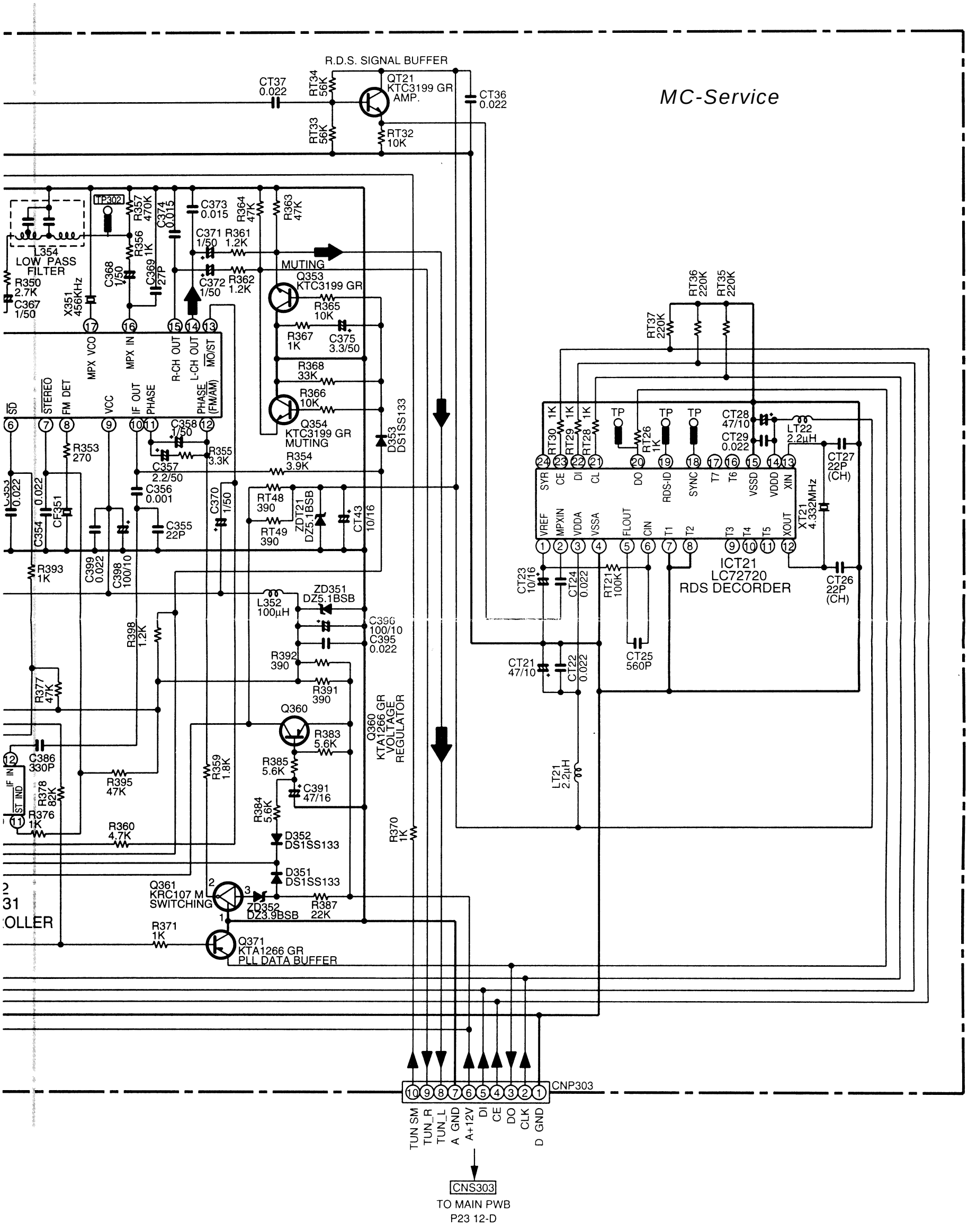
7	8	9	10	11	12

Figure 25 SCHEMATIC DIAGRAM (6/10)



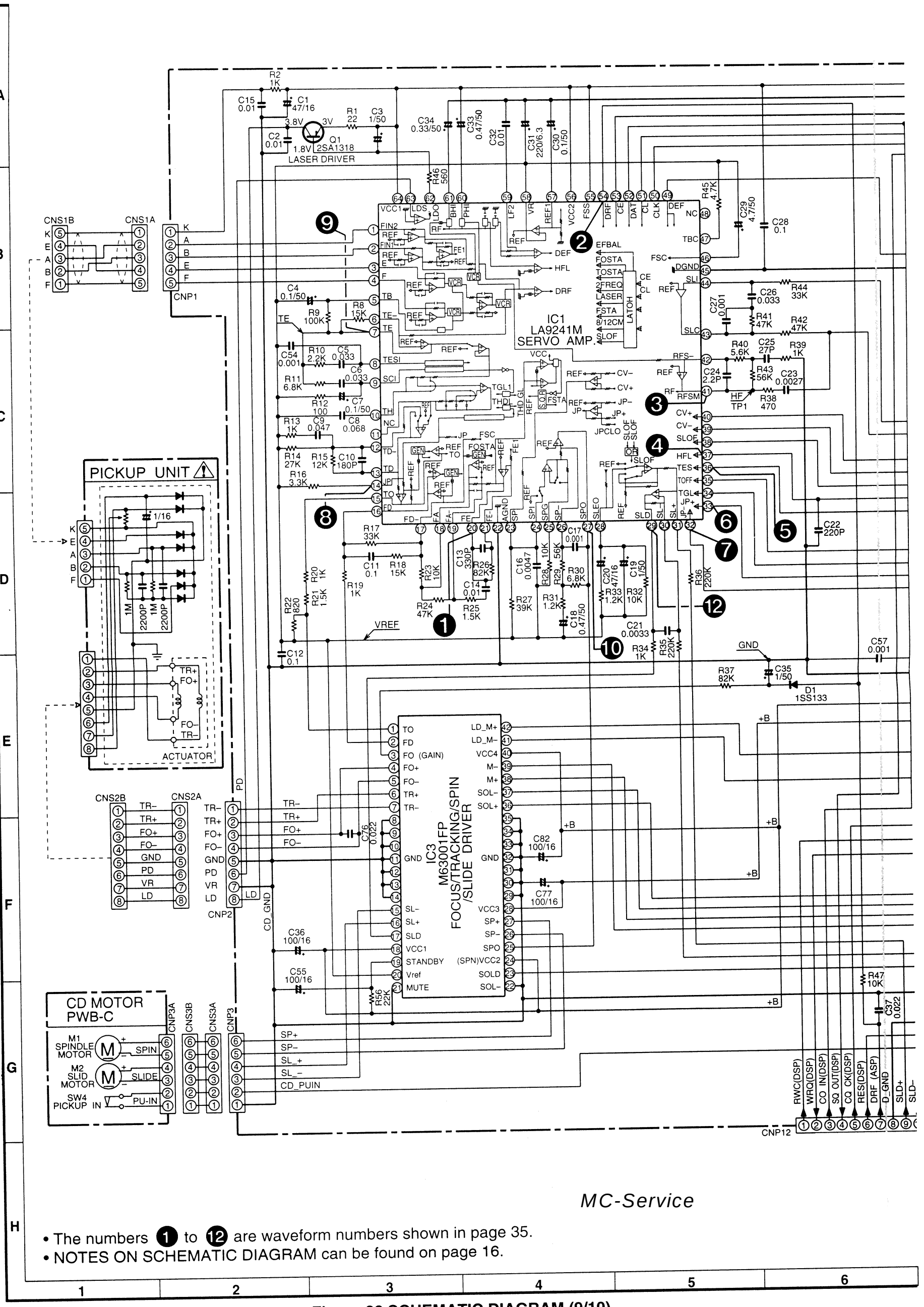
• NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

Figure 26 SCHEMATIC DIAGRAM (7/10)



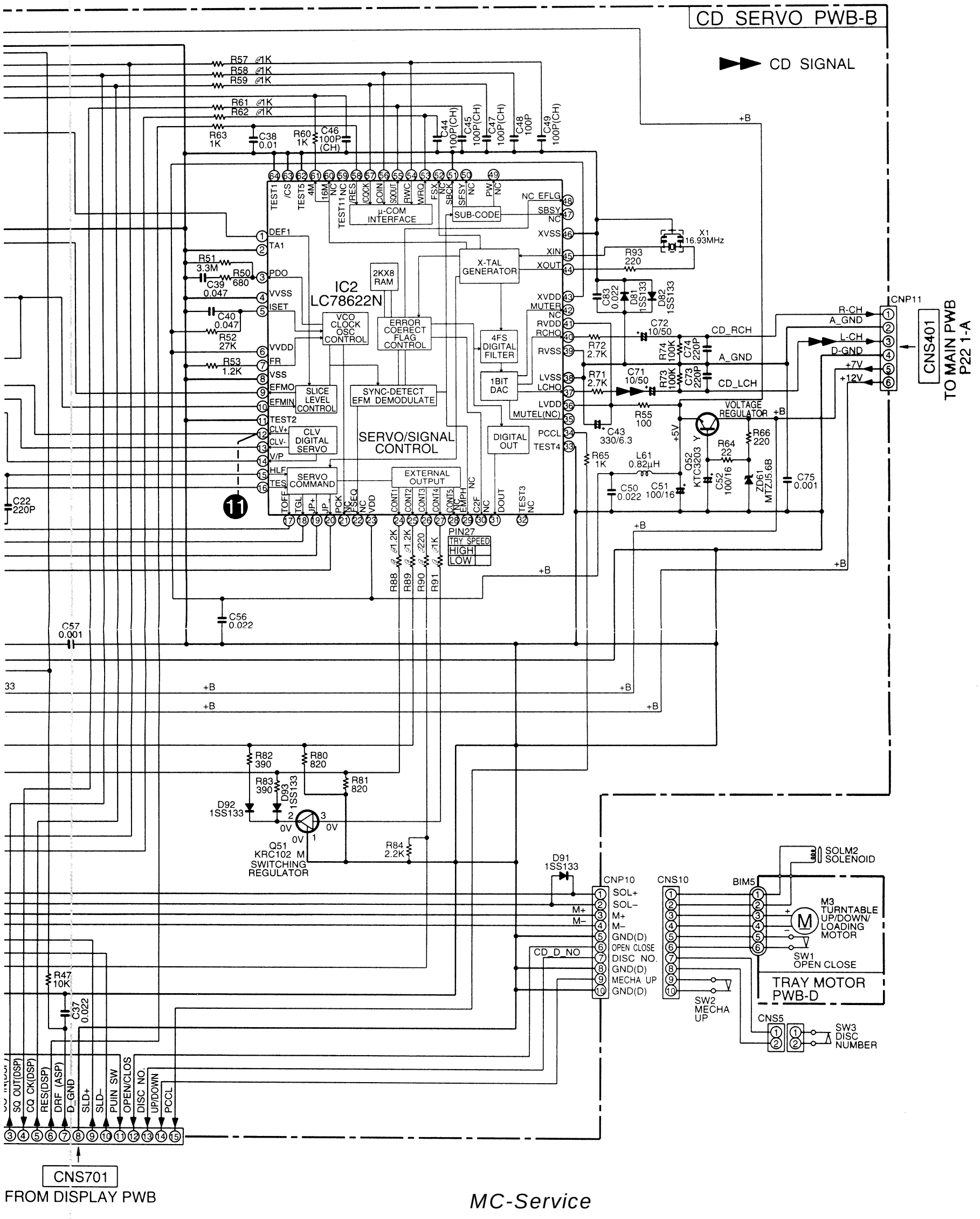
7 | 8 | 9 | 10 | 11 | 12

Figure 27 SCHEMATIC DIAGRAM (8/10)



- The numbers ❶ to ⓬ are waveform numbers shown in page 35.
- NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

Figure 28 SCHEMATIC DIAGRAM (9/10)



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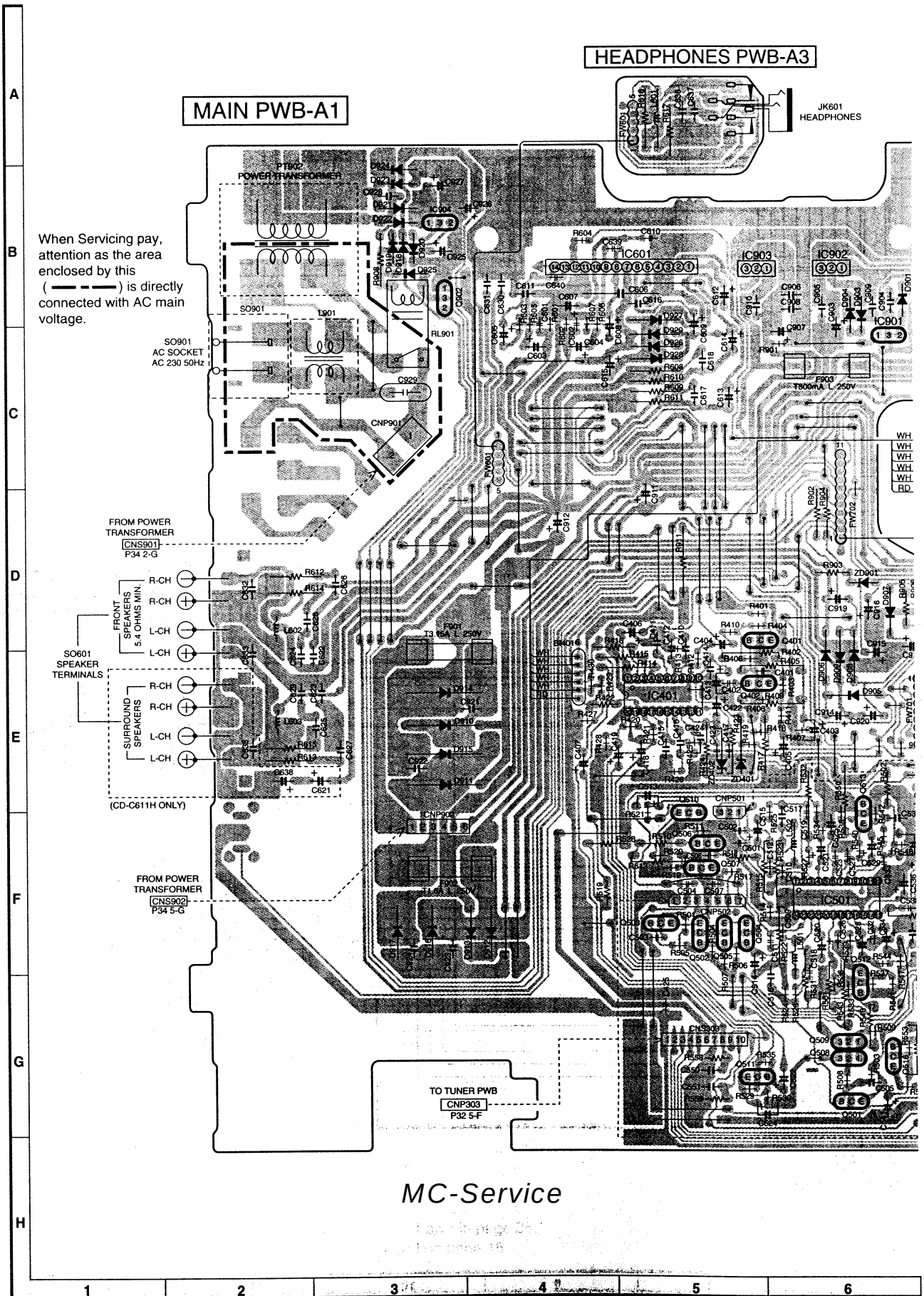
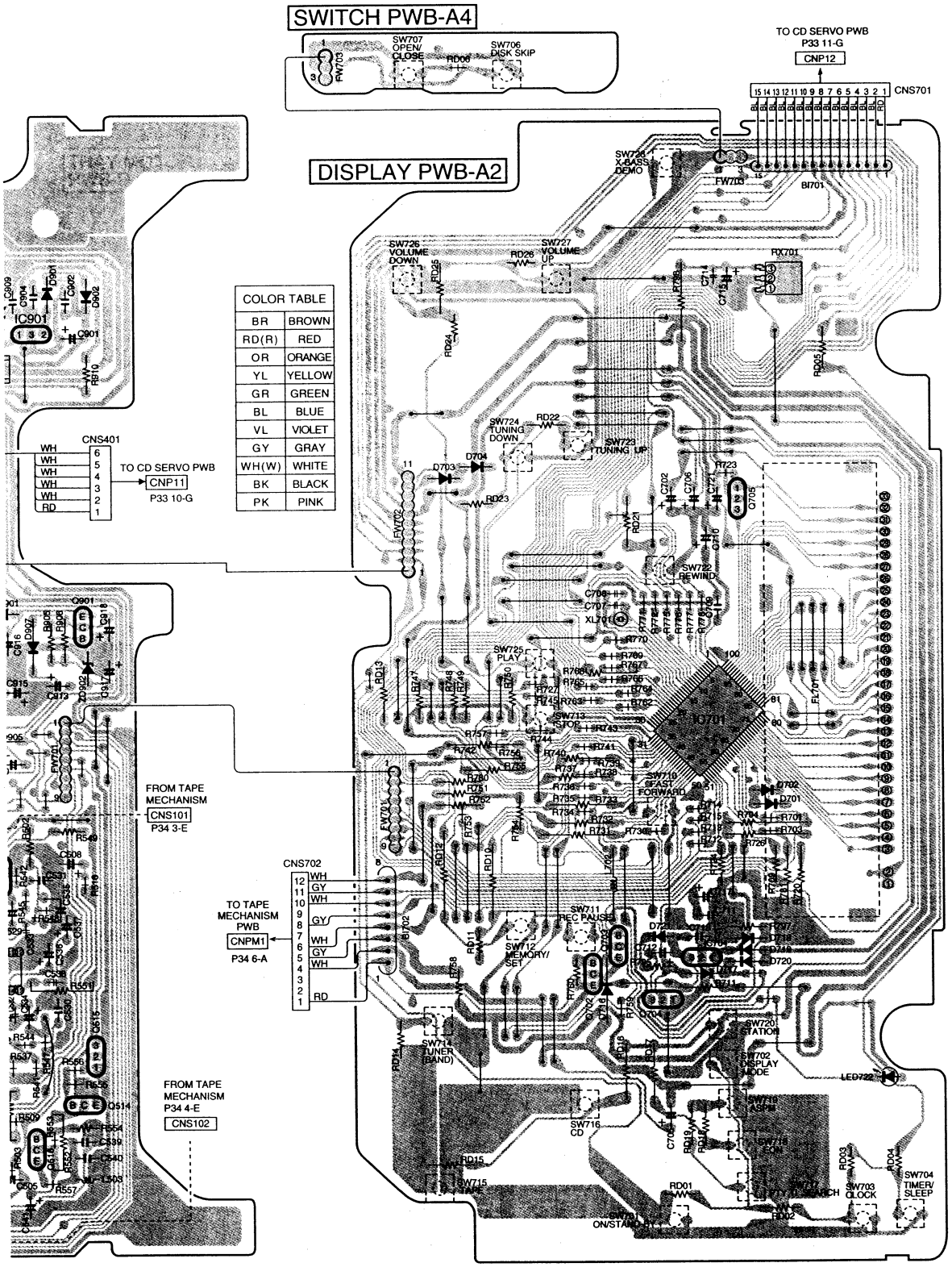
7	8	9	10	11	12

Figure 29 SCHEMATIC DIAGRAM (10/10)



MC-Service

Figure 30 WIRING SIDE OF P.W.BOARD (1/5)



MC-Service

7	8	9	10	11	12

Figure 31 WIRING SIDE OF P.W.BOARD (2/5)

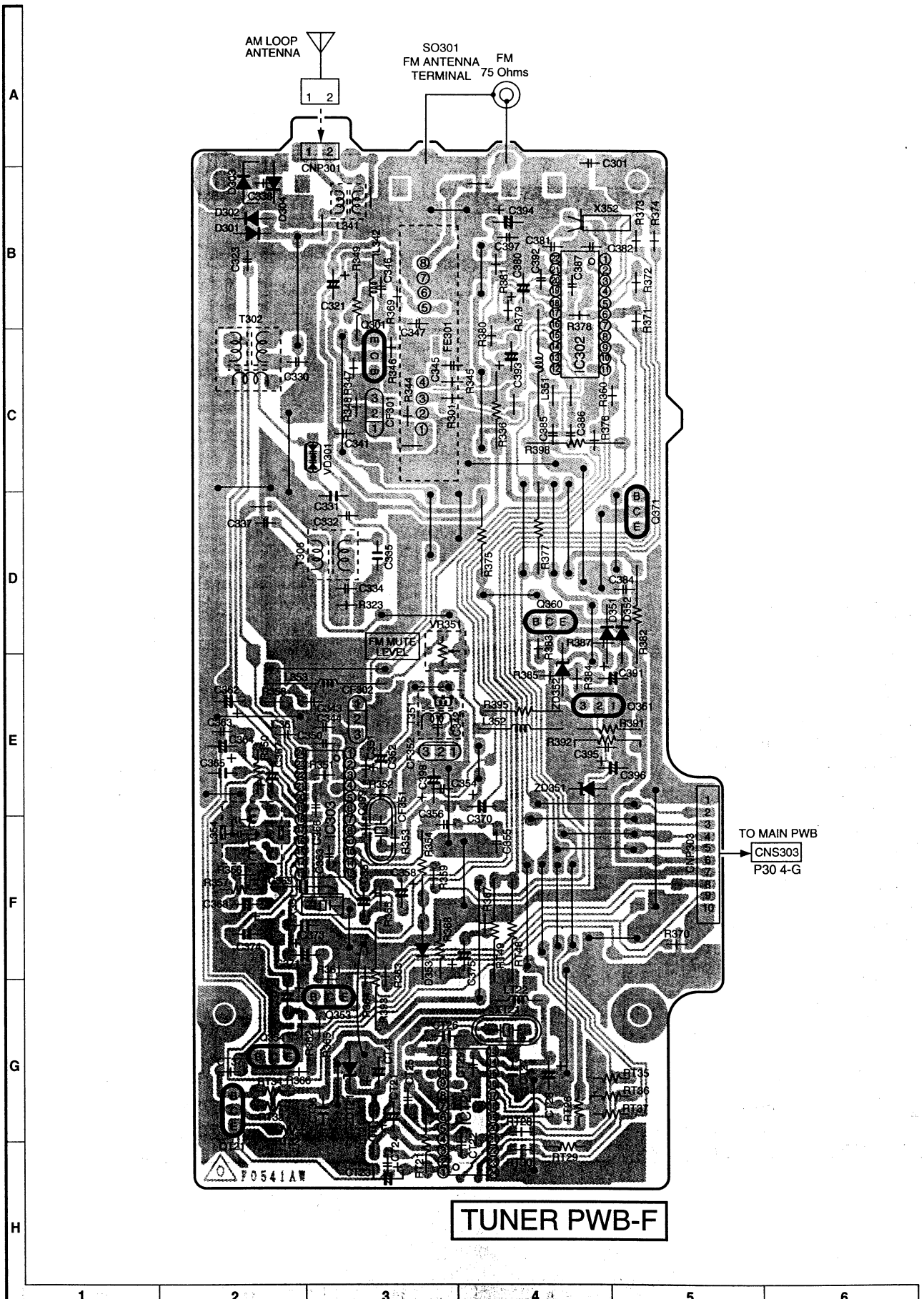
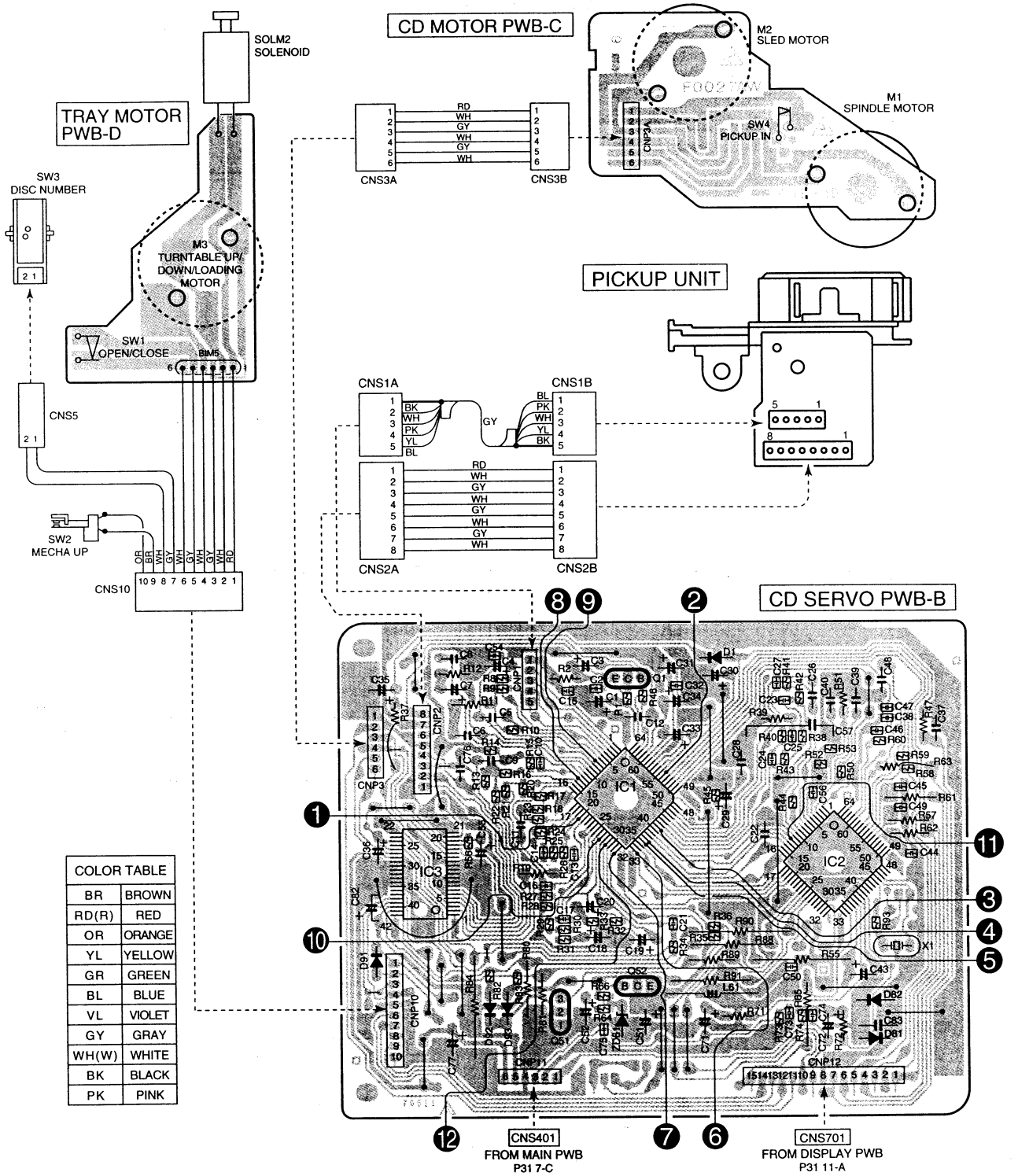


Figure 32 WIRING SIDE OF P.W.BOARD (3/5)

MC-Service



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

• The numbers ❶ to ⓬ are waveform numbers shown in page 35.

7	8	9	10	11	12

Figure 33 WIRING SIDE OF P.W.BOARD (4/5)

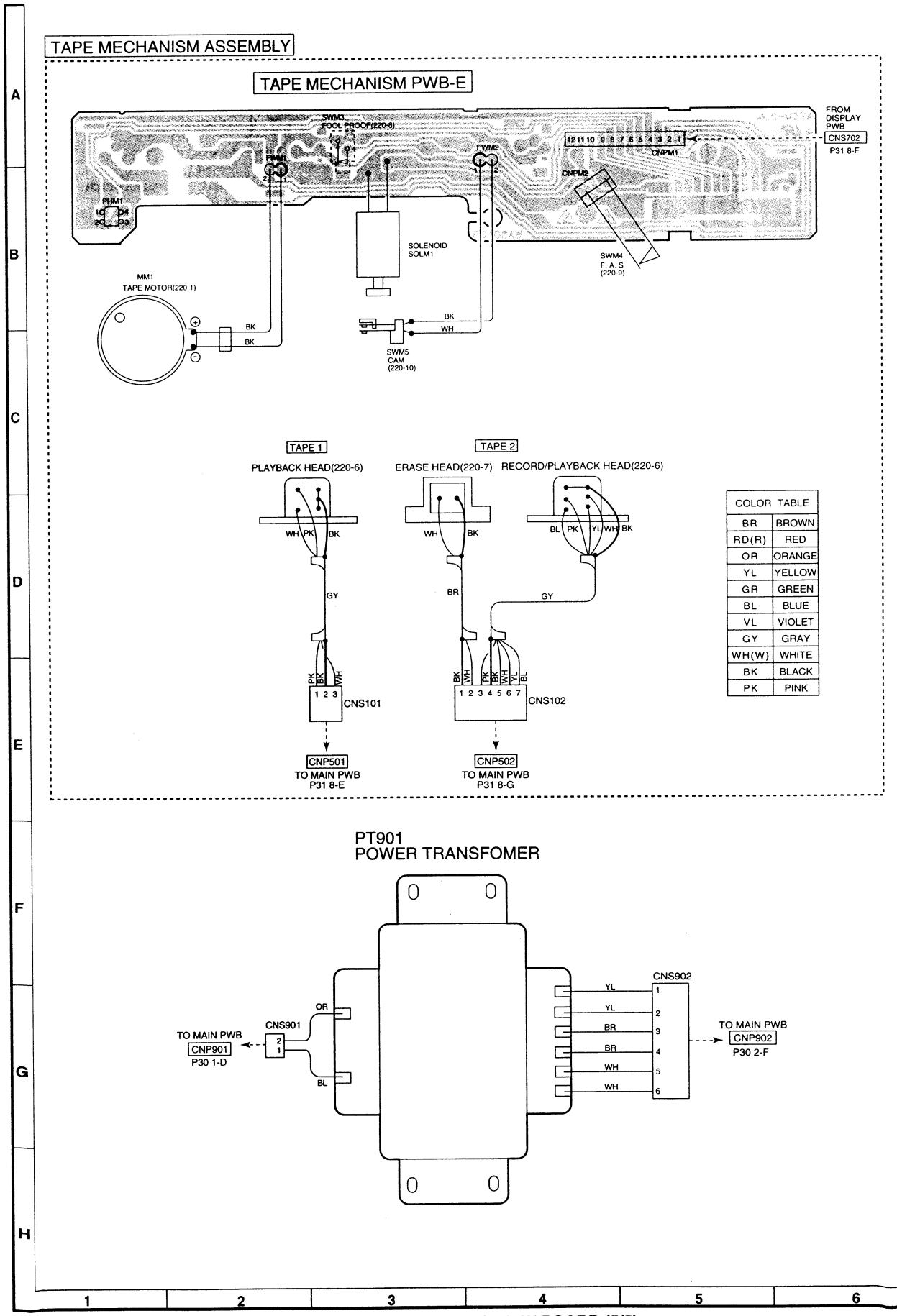
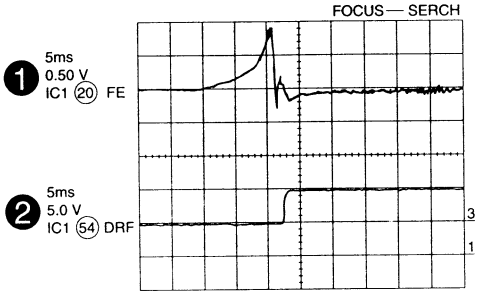


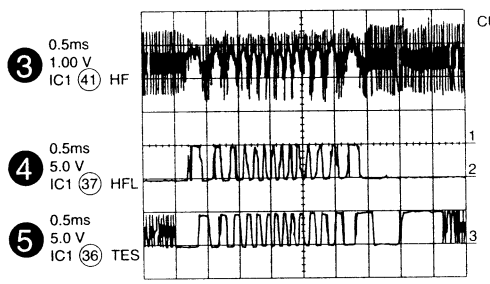
Figure 34 WIRING SIDE OF P.W.BOARD (5/5)

WAVEFORMS OF CD CIRCUIT

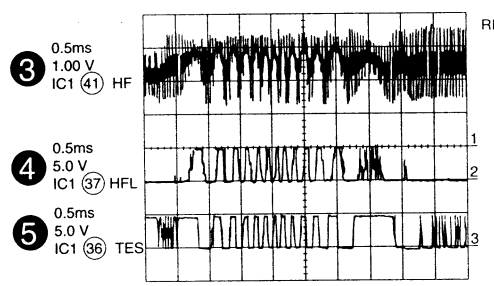
STOP → PLAY
FOCUS — SERCH



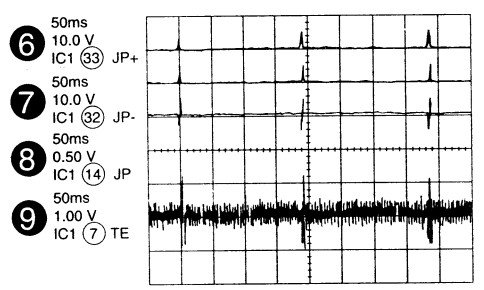
CUE

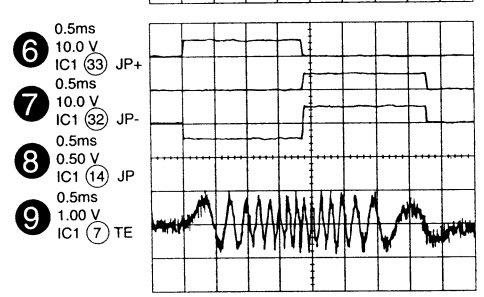


REVIEW

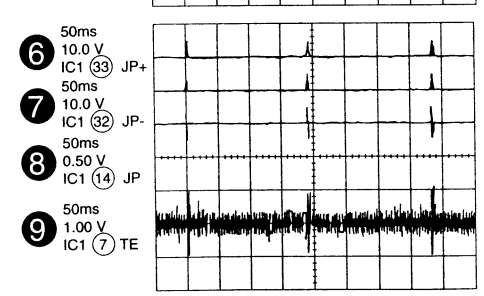


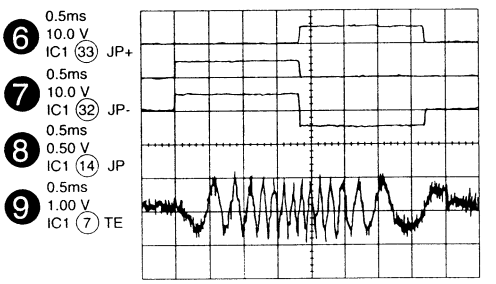
CUE



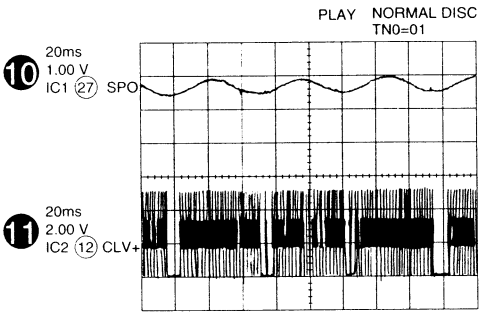


REVIEW

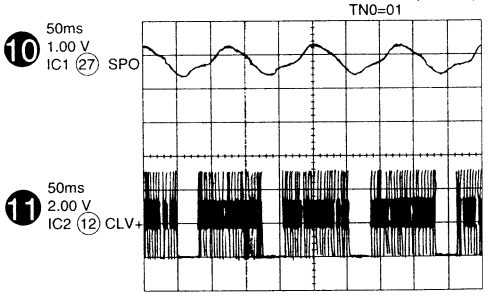




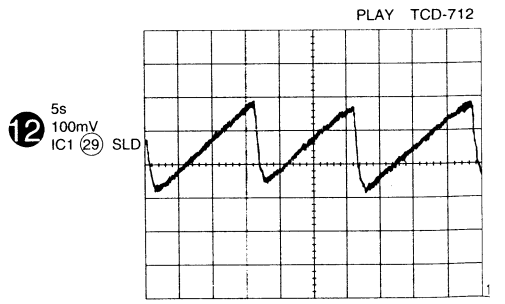
PLAY NORMAL DISC
TN0=01

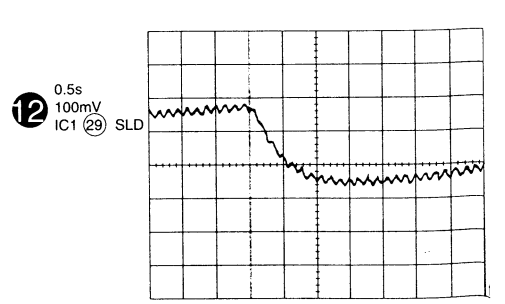


PLAY TCD-712 (140mm)
TN0=01



PLAY TCD-712





TROUBLESHOOTING

MC-Service

When the CD does not function

When the CD section does not operate when the objective lens of the optical pickup is dirty, this section may not operate. Clean the objective lens, and check the playback operation. When this section does not operate even after the above step is taken, check the following items.
Remove the cabinet and follow the troubleshooting instructions.
"Track skipping and/or no TOC (Table Of Contents) may be caused by build up of dust other foreign matter on the laser pickup lens. Before attempting any adjustment make certain that the lens is clean. If not, clean it as mentioned below."

Turn the power off.
Gently clean the lens with a lens cleaning tissue and a small amount of isopropyl alcohol.
Do not touch the lens with the bare hand.

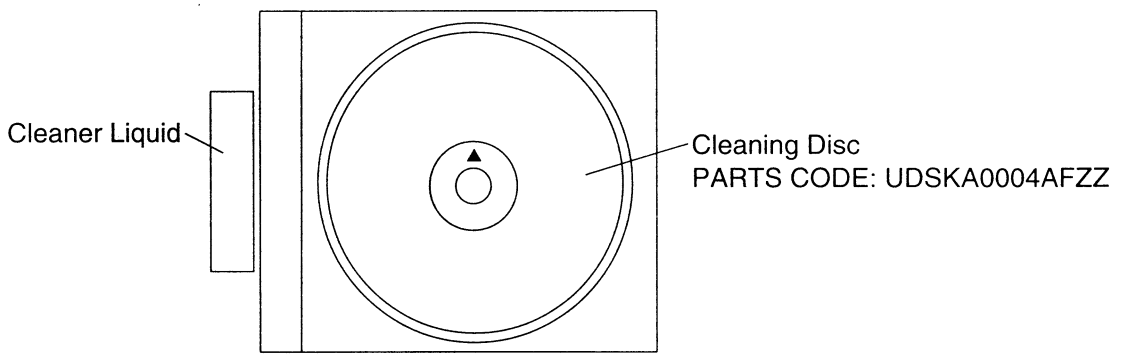
Dust gradually accumulates on the objective lens during use, and it may degrade performance. To avoid this problem, use a cleaning disc designed for CD optical pickup lenses.

HOW TO USE

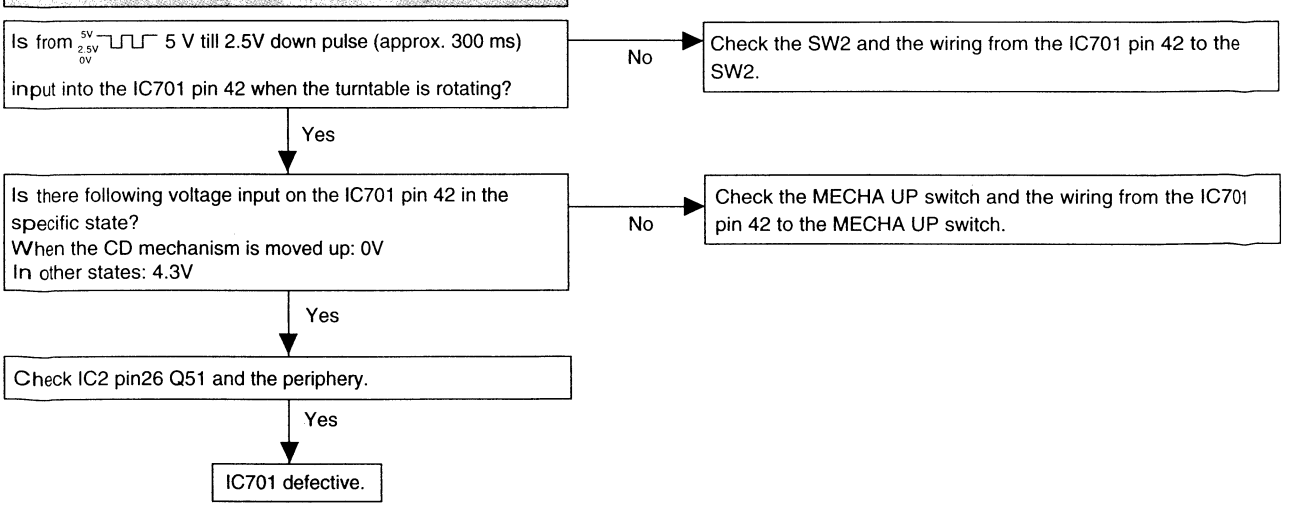
1. Using the brush in the cleaner cap, apply 1 or 2 drops of the cleaning fluid to the brush on the CD cleaner disc which has the ▲ mark next to it.
2. Place the CD cleaner disc onto the CD disc tray with the brush side down, then press the play button.
3. You will hear music for about 20 seconds and the CD player will automatically stop. If it continues to turn, press the stop button.

CAUTION

- The CD lens cleaner should be effective for 30~50 operations, however if the brushes become worn out earlier then please replace the cleaner disc.
- If the CD cleaner brushes become very wet then wipe off any excess fluid with a soft cloth.
- Do not drink the cleaner fluid or allow it to come in contact with the eyes. In the event of this happening then drink and / or rinse with clean water and seek medical advice.
- The CD cleaner disc must not be used on car CD players or on computer CD ROM drives.
- All rights reserved. Unauthorized duplicating, broadcasting and renting this product is prohibited by law.



• When the turntable fails to stop.


Is from 5V 2.5V 0V 5 V till 2.5V down pulse (approx. 300 ms) input into the IC701 pin 42 when the turntable is rotating?
No
Check the SW2 and the wiring from the IC701 pin 42 to the SW2.
Yes
Is there following voltage input on the IC701 pin 42 in the specific state?
When the CD mechanism is moved up: 0V
In other states: 4.3V
No
Check the MECHA UP switch and the wiring from the IC701 pin 42 to the MECHA UP switch.
Yes
Check IC2 pin26 Q51 and the periphery.
Yes
IC701 defective.

• When turntable fails to move.

Is there following voltage input on the IC701 pin 42 in the specific state?
When the CD mechanism is moved up: 0V
In other states: 4.3V

No → Check the MECHA UP switch and the wiring from the IC701 pin 42 to the MECHA UP switch.

Yes ↓

Is L output from the IC2 pin 27 during SEC when the disc skip switch is pressed?

No → Check the wiring of IC2 pin 27 and Q51 pin 2.
OK ↓
IC2 defective.

Yes ↓

Is 4V output from the Q51 emitter during operation stated above?

No → Check Q51 and the periphery.

Yes ↓

Check turntable motor and turntable mechanism.

• When the CD tray fails to open or close.

Is there following voltage input in specific state of IC701 pin 37?
Open state: 0V
Close state: 0V
Intermediate state between open state and close state: 4.3V

No → Check the OPEN/CLOSE switch and the wiring from the IC701 pin 37 to the OPEN/CLOSE switch.

Yes ↓

Is H output to IC2 pin 24 or 25 for 7 seconds when the OPEN/CLOSE button is pressed? IC3 is defective. Replace it.

No → Check the wiring of the IC2 pins 24 and 25, IC3 pins 38 and 39.
OK ↓
IC2 defective.

Yes ↓

Is 4V output between IC3 pins 38 and 39 during operation stated above?

No → Check the periphery of IC3.
OK ↓
IC3 defective.

Yes ↓

Check the loading motor (M3) and the loading mechanism.

• The CD function will not work.

The CD operating buttons don't work.

Yes ↓

Check the CD, DSP, power supply, and 16.93 MHz clock, and reset terminal.

Yes ↓

Check the waveform of SCK, SO (DATA) and SI (COMM).

Yes ↓

See if the pick-up is in the PICKUP IN switch position.

Yes ↓

If the items mentioned above are OK, check the main microcomputer IC701.

MC-Service

• The CD operating keys work.

Check the Focus - HF system.

Playback can be performed without a disc.

Yes

Does the pick-up move up and down twice? → Yes → Focus search OK

No

Does the output waveform of IC1(16)(FD) match that shown in Fig. 38-1? → Yes → Check the area around IC3-CNP2.

No

Check the IC1(50)(CLK) line, 4MHz.
Check the microcomputer data on pins (51)(CL), (52)(DAT) and (53)CE.

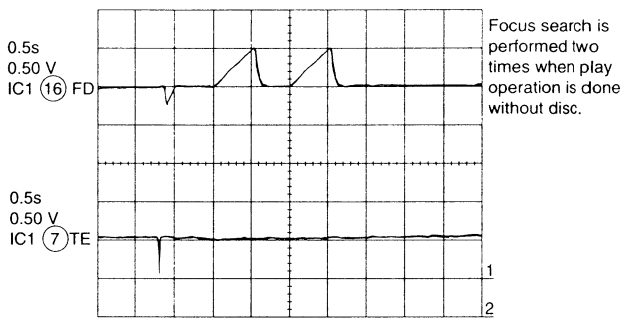


Figure 38-1

• Playback can only be performed when a disc is loaded.

Is the Focus servo active? (Can you hear it working?) → No → Check the laser diode driver. Check the area around IC1(16) - (21) (focus servo circuit).

Yes

Does the DRF signal change from "L" to "H"? → No → If the disc is not turning, the DRF should not change to "H". → Yes → Check the spin system.

Yes

Is HF waveform normal (see the Fig. 38-2, Fig. 38-3)? → No → Level is abnormal. → Yes → Check the periphery of IC1 pins 41 and 42.

No → Waveform is unstable. → Yes → Check the spin system.

Yes

Check the tracking system.

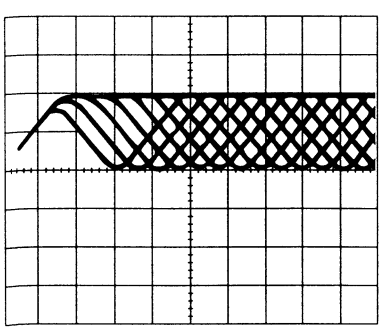


Figure 38-2

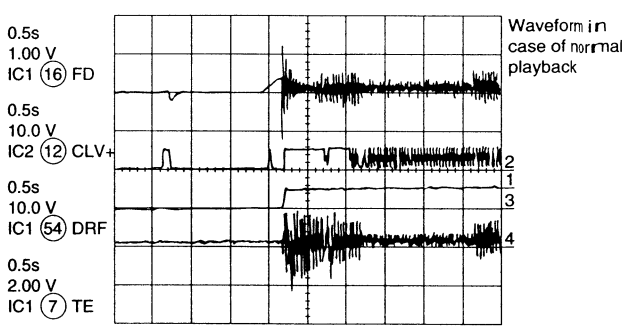


Figure 38-3

• Check the tracking system.

Check waveform of IC1 pin 7 (TE).

- The waveform shown in Fig. 39-1 appears, and no-disc state appears soon. → Yes → Tracking servo is inoperative. → Yes → Check the periphery of IC 1 pin 8 to pin 15, and IC 5 to CNP2.
- Play is possible in TEST mode. → Yes → The unit will be initialized in Normal mode,but it will not playback.. → Yes → Normal jump is impeded, and the program top cannot be reached. → Yes → Check the periphery of IC 1 pin 14.
- Data cannot be read. → Yes → Check the VCO-PLL system.

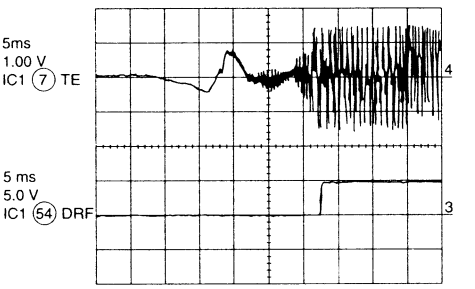


Figure 39-1

• Checking the spin system.

Play operation is performed without disc.

↓ Yes

The turntable rotates a little. → Yes → The spin driver circuit is normal.

↓ No

The turntable fails to rotate or rotates at high speed. → Yes → Check the periphery of IC1 pins 23 to 27, pin 39, and pin 40, IC2 pin 12 and pin 13, IC3 to CNP3.

• Checking the VCO-PLL system

Play operation is performed when disc exits.

↓ Yes

Although HF waveform is normal, TOC data cannot be read. → Yes → Check PDO waveform (Fig. 39-2).

↓ Abnormal

Check the IC1 pins 43 and 44, IC2 pins 3, 5, 7, 10, and 11.

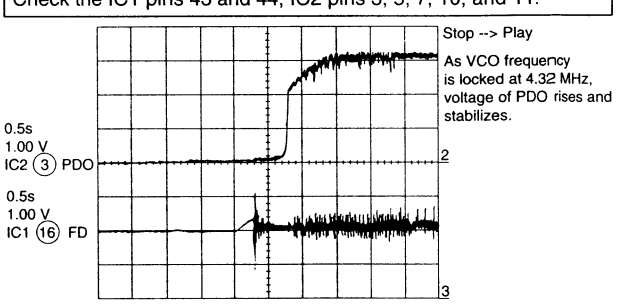


Figure 39-2

• Although HF waveform is normal and the time indication is normal, no sound is emitted.

Check IC2 pin 48 (EFLG). → No → Usually, the number of pulses of flawless disc is 100 pulses/sec or less.

↓ Yes

Check IC2 pins 37, 40.

↓ Abnomal

Check IC401 and POWER AMP. IC601.

MC-Service

FUNCTION TABLE OF IC

IC1 VHiLA9241M/-1: Servo Amp. (LA9241M) (1/2)

Pin No.	Port Name	Function
1	FIN2	Connection pin for photodiode of pickup. RF signal is generated through addition with FIN pin, and FE signal is generated through subtraction.
2	FIN1	Connection pin for photodiode of pickup.
3	E	Connection pin for photodiode of pickup. TE signal is generated through subtraction with F pin.
4	F	Connection pin for photodiode of pickup.
5	TB	Pin for input of DC component of TE signal.
6	TE-	Pin to connect gain setting resistor of TE signal to TE signal.
7	TE	TE signal output pin.
8	TESI	TES (Track error sense) comparator input pin. TE signal is band-passed and input.
9	SCI	Input pin for shock detection.
10	TH	Pin to set time constant of tracking gain.
11*	N.C.	No connect.
12	TD-	Pin to compose tracking phase compensation constant between TD and VR pins.
13	TD	Pin to set tracking phase compensation.
14	JP	Pin to set amplitude of tracking jump signal (kick pulse).
15	TO	Tracking control signal output pin.
16	FD	Focusing control signal output pin.
17	FD-	Pin to compose focusing phase compensation constant between FD and FA pins.
18	FA	Pin to compose focusing phase compensation constant between FD-/FA-pins.
19	FA-	Pin to compose focusing phase compensation constant between FA and FE pins.
20	FE	Output pin of FE signal.
21	FE-	Pin to connect gain setting resistor of FE signal across TE pin.
22	AGND	GND for analog signal.
23	SP	Single end output for CV+ and CV- pin input.
24	SPI	Spindle amplifier input.
25	SPG	Pin to connect gain setting resistor in the 12cm mode of spindle.
26	SP-	Pin to connect spindle phase compensation constant together with SPD pin.
27	SPO	Spindle control signal output pin.
28	SLEO	Pin to connect thread phase compensation constant.
29	SLD	Thread control signal output pin.
30	SL-	Input pin of thread feed signal from microcomputer.
31	SL+	Input pin of thread feed signal from microcomputer.
32	JP-	Input pin of tracking jump signal from DSP.
33	JP+	Input pin of tracking jump signal from DSP.
34	TGL	Input pin of tracking gain control signal from DSP. TGL = Gain low at "H"
35	TOFF	Input pin of tracking off control signal from DSP. TOFF = Off at "H"
36	TES	Output pin of TES signal to DSP.
37	HFL	(HIGH FREQUENCY LEVEL) is used to judge whether main beam is positioned on the bit or on the mirror.
38	SLOF	Thread servo off control input pin.
39	CV-	Pin to input CLV error signal from DSP.
40	CV+	Pin to input CLV error signal from DSP.
41	RFSM	RF output pin.
42	RFS-	Pin to set gain of RF and set 3T compensation constant together with RFSM pin.
43	SLC	(SLICE LEVEL CONTROL) is the output pin to control of the level of the data slice with RF waveform DSP.
44	SLI	Input pin to control the level of data slice with DSP.
45	DGND	GND pin in the digital system.
46	FSC	Output pin for focus search smoothening capacitor.
47	TBC	(Tracking Balance Control) Pin to set EF balance variable range.
48*	NC	No connect.

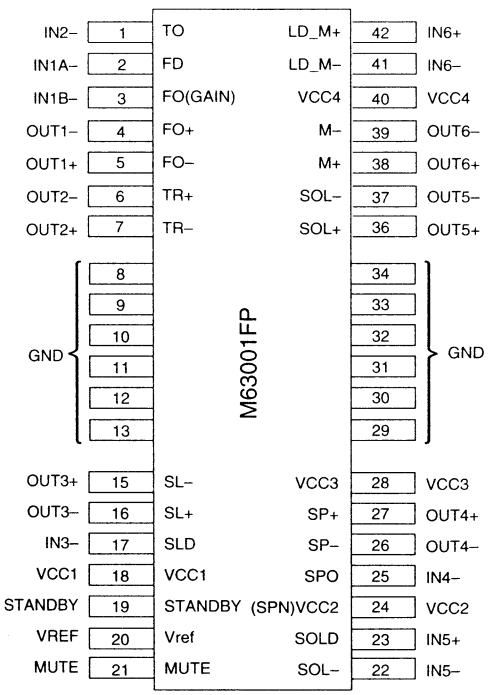
In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC1 VHiLA9241M/-1: Servo Amp. (LA9241M) (2/2)

Pin No.	Port Name	Function
49	DEF	Defect detection output pin of disc.
50	CLK	Reference clock input pin. 4.23MHz of DSP is input.
51	CL	Microcomputer command clock input pin.
52	DAT	Microcomputer command data input pin.
53	CE	Microcomputer command chip enable input pin.
54	DRF	(DETECT RF) RF level detection output.
55	FSS	(Focus Serch Select) Pin to switch focus search mode. (± search/+ search for reference voltage)
56	VCC2	VCC pin for servo system and digital system.
57	REF1	Pin to connect pass control for reference voltage.
58	VR	Reference voltage output pin.
59	LF2	Pin to set defect detection time constant of disc.
60	PHI	Pin to connect capacitor for peak hold of RF signal.
61	BHI	Pin to connect capacitor for bottom hold of RF signal.
62	LDO	APC circuit output pin.
63	LDS	APC circuit output pin.
64	VCC1	RF system VCC pin.

IC3 VHiM63001FP-1: Focus/Tracking/Spin/Slide Driver (M63001FP)

Pin No.	Terminal Name	Function
1	IN2-	CH2 inverted input.
2	IN1A-	CH1 inverted input.
3	IN1B-	CH1 output offset control.
4	OUT1-	CH1 inverted output.
5	OUT1+	CH1 non-inverted output.
6	OUT2-	CH2 inverted output.
7	OUT2+	CH2 non-inverted output.
8-14	GND	GND
15	OUT3+	CH3 non-inverted output.
16	OUT3-	CH3 inverted output.
17	IN3-	CH3 inverted input.
18	VCC1	Power supply 1 (CH1, CH2, CH3)
19	STANDBY	STANDBY signal input.
20	VRFE	CH1-CH4 Reference voltage input.
21	MUTE	Mute signal input (CH6).
22	IN5-	CH5 inverted input.
23	IN5+	CH5 non-inverted input.
24	VCC2	Power supply 2 (CH4).
25	IN4-	CH4 inverted input.
26	OUT4-	CH4 inverted output.
27	OUT4+	CH4 non-inverted output.
28	VCC3	Power supply 3 (CH5).
29-35	GND	GND
36	OUT5+	CH5 non-inverted output.
37	OUT5-	CH5 inverted output.
38	OUT6+	CH6 non-inverted output.
39	OUT6-	CH6 inverted output.
40	VCC4	Power supply 4 (CH6).
41	IN6-	CH6 inverted input.
42	IN6+	CH6 non-inverted input.



IC401 VHiM62439SP-1: Audio Processor (M62439SP)

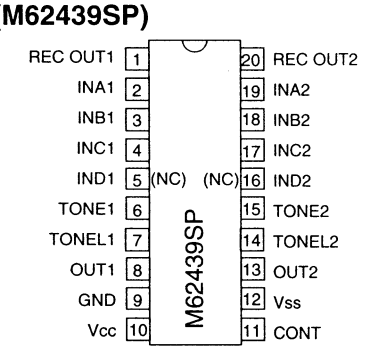


Figure 41 BLOCK DIAGRAM OF IC

MC-Service

IC2 VHiLC78622N-1: Servo/Signal Control (LC78622N) (1/2)

Pin No.	Terminal Name	Input/Output	Function
1	DEF1	Input	Input terminal of defect detection signal (DEF). (Connected to OV when not used.)
2	TA1	Input	For PLL: Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
3	PDO	Output	For PLL: Output terminal of phase comparison for external VCO control.
4	VVSS	—	For PLL: Ground terminal for integrated VCO. Surely connected to 0V.
5	ISET	Input	For PLL: Resistance connection terminal for current adjustment of PDO output.
6	VVDD	—	For PLL: Power terminal for integrated VCO.
7	FR	Input	For PLL: VCO frequency range adjustment.
8	VSS	—	Ground terminal of digital system. Surely connected to 0V.
9	EFMO	Output	For slice level control: EFM signal output terminal.
10	EFMIN	Input	For slice level control: EFM signal input terminal.
11	TEST2	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
12	CLV+	Outout	Output for disc motor control. 3 values can be output with the commands.
13	CLV-	Output	Output for disc motor control. 3 values can be output with the commands.
14	V/P	Output	Monitor output terminal for automatic switch of rough servo/phase control. "H" for rough servo, and "L" for phase servo.
15	HLF	Intput	Input terminal of track detection signal. Schmit input.
16	TES	Input	Input terminal of tracking error signal. Schmit input.
17	TOFF	Output	Tracking OFF output terminal.
18	TGL	Output	Output terminal for switch of tracking gain "L" increases the gain.
19	JP+	Output	Output for track jump control. 3 values can be output with the commands.
20	JP-	Output	Output for track jump control. 3 values can be output with the commands.
21*	PCK (NC)	Output	Clock monitor terminal for EFM data replay. 4,3218MHz as the phase clock.
22*	FSEQ (NC)	Output	Output terminal synchronous signal detection. "H" is output when synchronous signal detected by EFM signal matches synchronous signal internally generated.
23	VDD	—	Power terminal of digital system.
24	CONT1	Input/Output	General purpose input/output terminal 1 — Controlled with serial data command from microcomputer. When not used, set it as the input terminal and open it by connecting to 0V, or set it as the output terminal and open it.
25	CONT2	Input/Output	General purpose input/output terminal 2
26	CONT3	Input/Output	General purpose input/output terminal 3
27	CONT4	Input/Output	General purpose input/output terminal 4
28*	CONT5	Input/Output	General purpose input/output terminal 5
29*	EMPH (NC)	Output	Difference monitor terminal At "H", deemphasis disk is being replayed.
30*	C2F (NC)	Output	C2 flag output terminal.
31*	DOUT (NC)	Output	Output terminal of digital OUTPUT. (EIAJ format)
32*	TEST3 (NC)	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
33	TEST4	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
34	PCCL	Input	CD general-use port control signal.
35*	MUTEL (NC)	Output	L channel 1 bit DAC: Mute output terminal for L channel.
36	LVDD	—	L channel 1 bit DAC: Power terminal for L channel.
37	LCHO	Output	L channel 1 bit DAC: L channel output terminal.
38	LVSS	—	L channel 1 bit DAC: Ground terminal for L channel. Surely connected to 0V.
39	RVSS	—	R channel 1 bit DAC: Ground terminal for R channel. Surely connected to 0V.
40	RCHO	Output	R channel 1 bit DAC: R channel output terminal.
41	RVDD	—	R channel 1 bit DAC: Power terminal for R channel.
42*	MUTER (NC)	Output	R channel 1 bit DAC: Mute output terminal for R channel.
43	XVDD	—	Power terminal for quartz oscillation.
44	XOUT	Output	Ground terminal of 16.9344 MHz quartz oscillator.
45	XIN	Input	Ground terminal of 16.9344 MHz quartz oscillator.
46	XVSS	—	Ground terminal for quartz oscillation. Surely connected to 0V.
47*	SBSY (NC)	Output	Output terminal of synchronous signal of subcode block.
48*	EFLG (NC)	Output	Correction monitor terminal of C1, C2, single and double.
49*	PW (NC)	Output	Output terminal of subcodes P, A, R, S, T, U and W.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

MC-Service

IC2 VHiLC78622N-1: Servo/Signal Control (LC78622N) (2/2)

Pin No.	Terminal Name	Input/Output	Function
50*	SFSY (NC)	Output	Output terminal of synchronous signal of subcode frame. It drops when subcode stands by.
51	SBCK	Input	Clock input terminal to read subcode. Schmit input (Connected to 0V when not used.)
52*	FSX (NC)	Output	Output terminal of synchronous signal of 7.35kHz divided from quartz oscillation.
53	WRQ	Output	Output terminal to stand by output of subcode Q.
54	RWC	Input	Input terminal of read/write. Schmit input.
55	SQOUT	Output	Output terminal of subcode Q.
56	COIN	Input	Command input terminal from microcomputer.
57	/CQCK	Input	Clock input terminal to fetch command input, or pick up subcode from SQOUT. Schmit input.
58	/RES	Input	Reset input terminal of LC78622. When turning on power, set it at "L".
59*	TEST11 (NC)	Output	Output terminal for test. Used in the open state ("L" output as ordinary).
60*	16M (NC)	Output	Output terminal of 16.9344Hz.
61	4M	Output	Output terminal of 4.2336MHz.
62	TEST5	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
63	/CS	Input	Chip selection input terminal. Pull-down resistor is integrated. Connected to 0when not controlled.
64	TEST1	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.

Note: The same potential must be supplied to the power terminals (VDD, VVDD, LVDD, RVDD, XVDD).
In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC701 RH-iX0283AWZZ:System Microcomputer (IX0283AW) (1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	VDD	VDD	—	(+) POWER SUPPLY
2*	P37	ENA	Output	DOLBY PROLOGIC ENABLE TERMINAL
3	P36	DO	Input	DATA INPUT
4	P35	DI	Output	DATA OUTPUT
5	P34	CE	Output	CE OUTPUT
6	P33	CLK	Output	CLOCK OUTPUT
7*,8*	P32, P31	LCK1, LCK2	Output	
9	P30	CD DSP RWC	Output	CD DSP READ WRITE CONTROL
10	RESET	RESET	Input	RESET
11	X2	X2	Output	CLOCK
12	X1	X1	Input	CLOCK
13	Vpp	VPP	—	POWER SUPPLY TERMINAL
14*	XT2	XT2	—	OPEN
15	P04	WRQ	Input	CD DSP WRITE REQUEST
16	VDD	VDD	—	(+) POWER SUPPLY
17	P27	PCCL	Output	CD DSP PCCL
18	P26	COIN	Outout	CD DSP COMAND
19	P25	SQOUT	Input	CD DSP CODE Q OUT
20	P24	CQCK	Output	CD DSP CLOCK
21	P23	CD DSP RES	Output	CD DSP RESET
22	P22	FRF (DRF)	Input	CD RF LEVEL DETECTION
23	P21	SLD+	Output	CD SLIDE MOTOR +
24	P20	SLD-	Output	CD SLIDE MOTOR -
25	AVss	AVSS	—	ANALOG GROUND
26	ANI7	SPEANA3	Input	SPEANA DATA INPUT 16 KHz
27	ANI6	SPEANA2	Input	SPEANA DATA INPUT 1 KHz
28	ANI5	SPEANA1	Input	SPEANA DATA INPUT 63 Hz
29	ANI4	TUN SM	Input	TUNER SIGNAL METER INPUT
30	ANI3	T2 RUN	Input	TAPE2 RUN PULSE INPUT

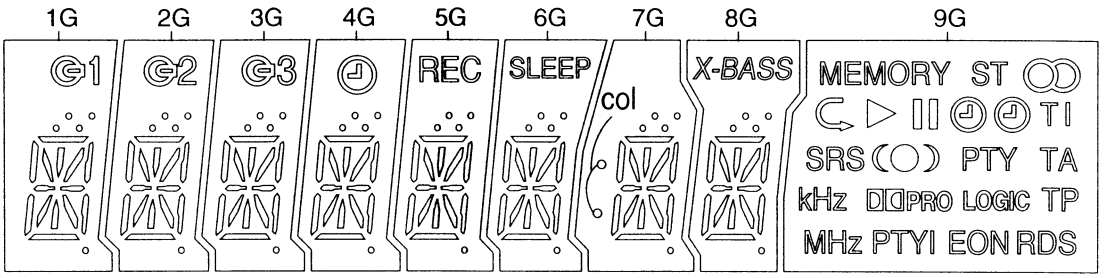
In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

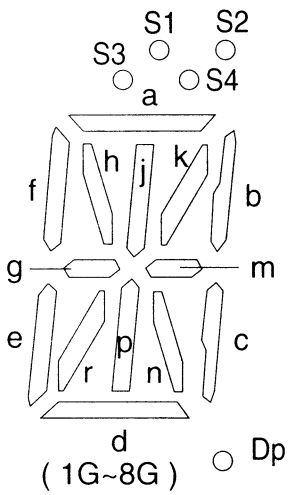
IC701 RH-iX0283AWZZ:System Microcomputer (IX0283AW) (2/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
31-33	ANI2-ANI0	KEYIN3-KEYIN1	Input	KEY INPUT
34	AVDD	AVDD	—	A/D VDD
35	AVREF	AVREF	—	A/D REF VOLTAGE
36	P03	PUIN SW	Input	CD PUIN SWITCH
37	P02	O/C SW	Input	CD OPEN/CLOSE SWITCH
38	INTP1	SYS STOP	Input	SYSTEM STOP INPUT
39	INTP0	REMOCON	Input	REMOCON INPUT
40	Vss	VSS	—	GROUND VOLTAGE
41	P74	DNO SW	Input	CD DISC NO. SWITCH
42	P73	U/D SW	Input	CD UP/DOWN SWITCH
43	P72	TIMER LED	Output	TIMER LED CONTROL
44	P71	T_SOL	Output	TAPE SOLENOID CONTROL
45	P70	T_MOT	Output	TAPE MOTOR CONTROL
46	VDD	VDD	—	(+) POWER SUPPLY
47	P127	CAM SW	Input	TAPE CAM SWITCH
48	P126	TIFAS	Input	TAPE1 FULL AUTOSTOP PULSE INPUT
49	P125	FPA	Input	TAPE2 A-SIDE FULL PROOF
50	P124	H/P	Input	HEADPHONE INPUT
51	P123	AC RLY_CONT	Output	AC RELAY CONTROL
52	P122	REC/PLAY	Output	TAPE REC/PLAY CHANGE
53	P121	T_BIAS	Output	TAPE Record bias control
54	P120	T_T1T2	Output	TAPE T1/T2 CHANGE
55	P117	DISTO	Input	DISTINATION INPUT
56	P116	KEY JOG A	Input	KEY JOG INPUT A
57	P115	KEY JOG B	Input	KEY JOG INPUT B
58	P114	S MUTE	Output	SYSTEM MUTE
59*	P113	C MUTE	Output	CENTER MUTE
60*	P112	SR MUTE	Output	SURROUND MUTE
61*	P111	HI-CUT	Output	HI-CUT OUTPUT
62	P110	POWER	Output	POWER OUTPUT
63*	P107	SPRLY	Output	SPEAKER OUTPUT RELAY CONTROL
64	P106	SP_DET	Input	SPEAKER OUTPUT DETECTION
65	P105	SPN_P	Input	TUNER SPAN CHANGE
66	P104	DISTOUT	Output	DISTINATION OUTPUT
67	P103/FIP32	DIAS4/P22	Input	DISTINATION INPUT
68	P102/FIP31	DIAS3/P21	Input	DISTINATION INPUT
69	P101/FIP30	DIAS2/P15	Output	FL DISPLAY SEGMENT DRIVER
70	P100/FIP29	DIAS1/P16	Output	FL DISPLAY SEGMENT DRIVER
71-78	FIP28-FIP21	P18/P13-P11/P7	Output	FL DISPLAY SEGMENT DRIVER
79	VLOAD	VLOAD	—	FL DRIVER (–) POWER SUPP, –30V
80-89	P1-P5/P12/17-P19	P1-P5/P12/P17-P19	Output	FL DISPLAY SEGMENT DRIVER
90*,91*	NC	NC	—	OPEN TERMINAL
92-100	G1-G9	G1-G9	Output	FL DISPLAY SEGMENT DRIVER

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

FL701 VVKSVA9MS13-1 : FL Display





	1G	2G	3G	4G	5G	6G	7G	8G	9G
P1	G1	G2	G3	◎	REC	SLEEP	col	X-BASS	PTYI
P2	S2	S2	S2	S2	S2	S2	S2	S2	
P3	S1	S1	S1	S1	S1	S1	S1	S1	TA
P4	S3	S3	S3	S3	S3	S3	S3	S3	TP
P5	S4	S4	S4	S4	S4	S4	S4	S4	RDS
P6	a	a	a	a	a	a	a	a	TI
P7	b	b	b	b	b	b	b	b	◎◎
P8	k	k	k	k	k	k	k	k	ST
P9	j	j	j	j	j	j	j	j	MEMORY
P10	h	h	h	h	h	h	h	h	PTY
P11	f	f	f	f	f	f	f	f	⊂
P12	m	m	m	m	m	m	m	m	II
P13	d	d	d	d	d	d	d	d	MHz
P14	g	g	g	g	g	g	g	g	▷
P15	p	p	p	p	p	p	p	p	kHz
P16	e	e	e	e	e	e	e	e	EON
P17	n	n	n	n	n	n	n	n	PRO LOGIC
P18	r	r	r	r	r	r	r	r	SRS ◯
P19	c	c	c	c	c	c	c	c	◎ (L)
P20	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	◎ (R)

PIN CONNECTION

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CONNECTION	F1	F1	NP	P15	P16	P13	P20	P14	P11	P10	P9	P8	P7	P6	5G	P5	P4
Pin No.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
CONNECTION	6G	7G	P3	P2	BG	P1	P12	P19	P18	P17	1G	2G	3G	4G	9G	F2	F2

Figure 45 FL SEGMENT

SHARP PARTS GUIDE

MODEL CD-C607H CD-C611H

CD-C607H mini component system consisting of CD-C607H (Main unit), CP-C607H (Front speaker).

CD-C611H mini component system consisting of CD-C611H (Main unit), CP-C611H (Front speaker) and GBOXS0028AWM1 (Surround speaker).

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. No.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC ..... Ceramic type
VCK ..... Ceramic type
VCT ..... Semiconductor type
VC • • MF ..... Cylindrical type (without lead wire)
VC • • MN ..... Cylindrical type (without lead wire)
VC • • TV ..... Square type (without lead wire)
VC • • TQ ..... Square type (without lead wire)
VC • • CY ..... Square type (without lead wire)
VC • • CZ ..... Square type (without lead wire)
VC • • • • • • • • • J .. The 13th character represents capacity difference.
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

VRD ..... Carbon-film type
VRS ..... Carbon-film type
VRN ..... Metal-film type
VR • • MF ..... Cylindrical type (without lead wire)
VR • • MN ..... Cylindrical type (without lead wire)
VR • • TV ..... Square type (without lead wire)
VR • • TQ ..... Square type (without lead wire)
VR • • CY ..... Square type (without lead wire)
VR • • CZ ..... Square type (without lead wire)
VR • • • • • • • • • J .. The 13th character represents error.
("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.

MC-Service

NOTE:
Parts marked with "⚠" are important for maintaining the safety of the set.
Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

— M E M O —

CD-C607H/611H

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION

CD-C607H/611H

INTEGRATED CIRCUITS

IC1	VHILA9241M/-1	J	AS	Servo Amp.,LA9241M
IC2	VHILC78622N-1	J	AY	Servo/Signal Control,LC78622N
IC3	VHIM63001FP-1	J	AX	Focus/Tracking/Spin/Slide Driver,M63001FP
IC302	VHILC72131/-1	J	AP	PLL Controller,LC72131
IC303	VHILA1832//-1	J	AR	FM IF DET./FM MPX./AM IF, LA1832
IC401	VHIM62439SP-1	J	AG	Audio Processor,M62439SP
IC501	VHIAN7345K/-1	J	AM	Playback and Record/Playback Amp.,AN7345K
IC601	VHILA4451//-1	J	AN	Power Amp.,LA4451
IC701	RH-IX0283AWZZ	J		System Microcomputer, IX0283AW
IC704	VHIKIA7042AP1	J	AC	Reset,KIA7042AP
IC901	VHIAN78L05/-1	J	AE	Constant Voltage Regulator, AN78L05
IC902	VHIKIA7806P-1	J	AG	Voltage Regulator,KIA7806P
IC903	VHIKIA7812P-1	J	AE	Voltage Regulator,KIA7812P
IC904	VHIAN78L05/-1	J	AE	Constant Voltage Regulator, AN78L05
ICT21	VHILC72720/-1	J	AW	RDS Decorder,LC72720

TRANSISTORS

Q1	VS2SA1318//-1	J	AC	Silicon,PNP,2SA1318
Q51	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q52	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q301	VS2SC380-O/-1	J	AC	Silicon,NPN,2SC380 O
Q353,354	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q360	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q361	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q371	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q401,402	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q501	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q502~505	VS2SC2389SE-1	J	AD	Silicon,NPN,2SC2389 SE
Q506,507	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q508,509	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q510~513	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q514	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q515	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q516	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q702	VSKTA1273Y/-1	J	AE	Silicon,PNP,KTA1273 Y
Q703	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y
Q704	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q705	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q901	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q902	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
QT21	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR

DIODES

D1	VHD1SS133//-1	J	AA	Silicon,1SS133
D81,82	VHD1SS133//-1	J	AA	Silicon,1SS133
D91~93	VHD1SS133//-1	J	AA	Silicon,1SS133
D301~304	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D351~353	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D701~704	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D716~721	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D901~904	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D905~909	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D910,911	VHDRL203F//-1	J	AE	Silicon,RL203F [CD-C607H]
D910,911	VHD1N5402M/-1	J	AE	Silicon,1N5402M [CD-C611H]
D912,913	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D914,915	VHDRL203F//-1	J	AE	Silicon,RL203F [CD-C607H]
D914,915	VHD1N5402M/-1	J	AE	Silicon,1N5402M [CD-C611H]
D916,917	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D918~920	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D921~924	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D925	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D926~929	VHD1N4004S/-1	J	AB	Silicon,1N4004S
LED722	VHPSLI342UCJ1	J	AC	LED,Red,SLI342UCJ1
VD301	VHCSVC348S/-1	J	AK	Variable Capacitance,SVC348S
ZD61	VHEMTZJ5R6B-1	J	AD	Zener,5.6V,MTZJ5.6B
ZD351	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB
ZD352	VHEDZ3R9BSB-1	J	AC	Zener,3.9V,DZ3.9BSB
ZD401,402	VHEDZ2R4BSB-1	J	AB	Zener,2.4V,DZ2.4BSB
ZD901	VHEDZ6R2BSA-1	J	AB	Zener,6.2V,DZ6.2BSA
ZD902	VHEDZ300BSB-1	J	AB	Zener,30V,DZ300BSB
ZDT21	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB

FILTERS

CF301,302	RFILF0072AFZZ	J	AG	FM IF
CF351	RFILF0003AWZZ	J	AK	FM IF
CF352	RFILA0009AWZZ	J	AE	AM IF

TRANSFORMERS

⚠ PT901	RTRNP0256AWZZ	J	BB	Power [CD-C611H]
⚠ PT901	RTRNP0272AWZZ	J	BA	Power [CD-C607H]
⚠ PT902	RTRNP0239AWZZ	J	AP	Buck-UP
T302	RCILA1064AFZZ	J	AD	AM Tracking
T306	RCILB1074AFZZ	J	AC	AM OSC.
T351	RCILI0011AWZZ	J	AD	AM IF

COILS

L61	VP-XHR82K0000	J	AC	0.82 µH,Choke
L341	RBLN-0001AWZZ	J	AD	Balun
L342	VP-DH2R2K0000	J	AB	2.2 mH,Peaking
L351,352	VP-DH101K0000	J	AB	100 µH,Choke
L353	VP-DH102K0000	J	AB	1 mH,Choke
L354	RFILL0001AWZZ	J	AE	Low Pass Filter
L501,502	VP-DH2R2K0000	J	AB	2.2 mH,Peaking
L503	VP-MK331K0000	J	AB	330 µH,Choke
L601	VP-DH2R2K0000	J	AB	2.2 mH,Peaking
L602,603	RCILZ0137AFZZ	J	AA	0.29 µH
L702	VP-DH101K0000	J	AB	100 µH,Choke
LT21,22	VP-XH2R2K0000	J	AB	2.2 µH,Choke

VARIABLE RESISTOR

VR351	RVR-M0026AWZZ	J	AC	10 kohm (B).Semi-VR [FM Mute level]

VIBRATORS

X1	92LCRSTL1746AT	J	AH	Crystal,16.93 MHz
X351	92LCRSTL1425A	J	AF	Crystal,456 kHz
X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz
XL701	RCRSP0003AWZZ	J	AH	Crystal,4.19MHz
XT21	RCRSP0010AWZZ	J	AH	Crystal,4.332MHz

CAPACITORS

C1	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C2	VCKYTV1HB103K	J	AA	0.01 µF,50V
C3	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C4	VCEAZA1HW104M	J	AB	0.1 µF,50V,Electrolytic
C5,6	VCTYPA1CX333K	J	AA	0.033 µF,16V
C7	VCEAZA1HW104M	J	AB	0.1 µF,50V,Electrolytic
C8	VCTYPA1CX683K	J	AA	0.068 µF,16V
C9	VCTYPA1CX473K	J	AA	0.047 µF,16V
C10	VCCSTV1HL181J	J	AA	180 pF,50V
C11,12	VCTYPA1CX104K	J	AB	0.1 µF,16V
C13	VCKYTV1HB331K	J	AA	330 pF,50V
C14,15	VCKYTV1HB103K	J	AA	0.01 µF,50V
C16	VCKYTV1HB472K	J	AA	0.0047 µF,50V
C17	VCKYTV1HB102K	J	AA	0.001 µF,50V
C18	VCEAZA1HW474M	J	AB	0.47 µF,50V,Electrolytic
C19	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C20	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C21	VCKYTV1HB332K	J	AA	0.0033 µF,50V
C22	VCCSPA1HL221J	J	AA	220 pF,50V
C23	VCKYTV1HB272K	J	AA	0.0027 µF,50V
C24	VCCSTV1HL2R2C	J	AB	2.2 pF,50V
C25	VCCSTV1HL270J	J	AA	27 pF,50V
C26	VCTYPA1CX333K	J	AA	0.033 µF,16V
C27	VCKYTV1HB102K	J	AA	0.001 µF,50V
C28	VCTYPA1CX104K	J	AB	0.1 µF,16V
C29	VCEAZA1HW475M	J	AB	4.7 µF,50V,Electrolytic
C30	VCEAZA1HW104M	J	AB	0.1 µF,50V,Electrolytic
C31	VCEAZA0JW227M	J	AC	220 µF,6.3V,Electrolytic
C32	VCKYTV1HB103K	J	AA	0.01 µF,50V
C33	VCEAZA1HW474M	J	AB	0.47 µF,50V,Electrolytic
C34	VCEAZA1HW334M	J	AB	0.33 µF,50V,Electrolytic
C35	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C36	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C37	VCKZPA1HF223Z	J	AA	0.022 µF,50V

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C38	VCKYTV1HB103K	J	AA	0.01 µF,50V
C39,40	VCTYPA1CX473K	J	AA	0.047 µF,16V
C43	VCEAZA0JW337M	J	AC	330 µF,6.3V,Electrolytic
C44~47	VCCCTV1HH101J	J	AA	100 pF (CH),50V
C48	VCCSPA1HL101J	J	AA	100 pF,50V
C49	VCCCTV1HH101J	J	AA	100 pF (CH),50V
C50	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C51,52	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C54	VCKYTV1HB102K	J	AA	0.001 µF,50V
C55	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C56	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C57	VCKYBT1HB102K	J	AA	0.001 µF,50V
C71,72	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C73,74	VCKYTV1HB221K	J	AA	220 pF,50V
C75	VCKYTV1HB102K	J	AA	0.001 µF,50V
C76	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C77	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C82	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C83	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C301	VCKYMN1HB102K	J	AA	0.001 µF,50V
C321	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C323	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C330	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C331	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C332	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C334	VCCUMN1HJ270J	J	AA	27 pF (UJ),50V
C335	VCCSPA1HL561J	J	AA	560 pF,50V
C337	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C338	VCKYMN1HB102K	J	AA	0.001 µF,50V
C341,342	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C343,344	VCCSMN1HL330J	J	AA	33 pF,50V
C345~347	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C350,351	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C352	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C353,354	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C355	VCCSMN1HL220J	J	AA	22 pF,50V
C356	VCKYMN1HB102K	J	AA	0.001 µF,50V
C357	VCEAZA1HW225M	J	AB	2.2 µF,50V,Electrolytic
C358	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C361	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C362	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C363	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C364	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C365	VCTYPA1CX223K	J	AA	0.022 µF,16V
C366	VCKYMN1HB102K	J	AA	0.001 µF,50V
C367,368	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C369	VCCSBT1HL270J	J	AA	27 pF,50V
C370~372	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C373,374	VCTYPA1CX153K	J	AA	0.015 µF,16V
C375	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C380	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C384	VCKYMN1HB102K	J	AA	0.001 µF,50V
C385	VCTYMN1CY103K	J	AA	0.01 µF,16V
C386	VCKYMN1HB331K	J	AA	330 pF,50V
C387	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C391	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C392	VCKYMN1HB102K	J	AA	0.001 µF,50V
C393	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C394	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C395	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C396	VCEAZA1AW107M	J	AB	100 µF,10V,Electrolytic
C397	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C398	VCEAZA1AW107M	J	AB	100 µF,10V,Electrolytic
C399	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C401,402	VCKYMN1HB102K	J	AA	0.001 µF,50V
C403	VCEAZA1EW226M	J	AB	22 µF,25V,Electrolytic
C404,405	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C406,407	VCEAEA1HW475M	J	AB	4.7 µF,50V,Electrolytic
C410	VCFYHA1HA334J	J	AC	0.33 µF,50V,Thin Film
C411	VCQYKA1HM333K	J	AB	0.033 µF,50V,Mylar
C412	VCQYKA1HM683J	J	AB	0.068 µF,50V,Thin Film
C413	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C414	VCQYKA1HM223K	J	AB	0.022 µF,50V,Mylar
C415	VCQYKA1HM333K	J	AB	0.033 µF,50V,Mylar
C416	VCQYKA1HM683J	J	AB	0.068 µF,50V,Thin Film
C417	VCCSMN1HL4R7C	J	AA	4.7 pF,50V
C418,419	VCEAEA1HW475M	J	AB	4.7 µF,50V,Electrolytic
C422	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C423	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C424	VCFYHA1HA334J	J	AC	0.33 µF,50V,Thin Film
C425	VCKYMN1HB471K	J	AA	470 pF,50V
C501,502	VCKYMN1HB102K	J	AA	0.001 µF,50V
C503,504	VCKYMN1HB181K	J	AA	180 pF,50V
C505	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C506,507	VCKYMN1HB102K	J	AA	0.001 µF,50V
C508	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C509~512	VCKYMN1HB331K	J	AA	330 pF,50V
C513	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C514,515	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C516,517	VCTYPA1EX333K	J	AA	0.033 µF,25V
C518,519	VCKYMN1HB561K	J	AA	560 pF,50V
C520,521	VCEAEA1HW105M	J	AB	1 µF,50V,Electrolytic
C522	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C523	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C524	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C525	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C526,527	VCKYMN1HB102K	J	AA	0.001 µF,50V
C528,529	VCEAEA1CW226M	J	AB	22 µF,16V,Electrolytic
C530,531	VCTYPA1CX683K	J	AA	0.068 µF,16V
C532,533	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C534,535	VCEAEA1HW105M	J	AB	1 µF,50V,Electrolytic
C536	VCEAEA1CW226M	J	AB	22 µF,16V,Electrolytic
C537	VCEAZA1AW227M	J	AC	220 µF,10V,Electrolytic
C538	VCKYMN1HB471K	J	AA	470 pF,50V
C539	VCQPKA2AA392J	J	AB	0.0039 µF,100V,Polypropylene
C540	VCQYKA1HM273K	J	AB	0.027 µF,50V,Mylar
C541	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C550,551	VCTYPA1CX273K	J	AA	0.027 µF,16V
C601,602	VCTYMN1CX152K	J	AA	0.0015 µF,16V
C603,604	VCEAEA1HW105M	J	AB	1 µF,50V,Electrolytic
C605	VCEAZA1HW107M	J	AC	100 µF,50V,Electrolytic
C606	VCKYBT1HB102K	J	AA	0.001 µF,50V
C607	VCEAZA1HW227M	J	AC	220 µF,50V,Electrolytic
C608	VCEAZA1HW107M	J	AC	100 µF,50V,Electrolytic
C609	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic
C610	VCKYMN1HB102K	J	AA	0.001 µF,50V
C611	VCKYPA1HB221K	J	AA	220 pF,50V
C612	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic
C613,614	VCEAZV1EW108M	J	AE	1000 µF,25V,Electrolytic
C615	VCEAZA1HW226M	J	AB	10 µF,50V,Electrolytic
C616	VCKYPA1HF223Z	J	AB	0.022 µF,50V
C617,618	VCKYPA1HF473Z	J	AB	0.047 µF,50V
C621	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic [CD-C611H Only]
C622,623	VCKYPA1HF473Z	J	AB	0.047 µF,50V
C624,625	VCKYPA1HF223Z	J	AB	0.022 µF,50V
C626,627	VCKYPA1HF473Z	J	AB	0.047 µF,50V
C628~631	VCKYPA1HF223Z	J	AB	0.022 µF,50V
C632,633	VCKYPA1HB102K	J	AA	0.001 µF,50V
C635	VCTYPA1EX332M	J	AB	0.0033 µF,25V [CD-C611H Only]
C636,637	VCKYPA1HB221K	J	AA	220 pF,50V
C638	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic [CD-C611H Only]
C639,640	VCKYMN1HB121K	J	AA	120 pF,50V
C702	VCEAEA1HW105M	J	AB	1 µF,50V,Electrolytic
C705	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C706	VCEAEA1HW105M	J	AB	1 µF,50V,Electrolytic
C707	VCCSMN1HL150J	J	AA	15 pF,50V
C708	VCCSMN1HL180J	J	AA	18 pF,50V
C709	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C710	VCEAZA1AW227M	J	AC	220 µF,10V,Electrolytic
C711	VCKYPA1HB103K	J	AA	0.01,50V
C712	VCEAEA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C713	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C714	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C715	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C717	VCEAZA1HW104M	J	AB	0.1 µF,50V,Electrolytic
C721	VCEAEA1HW105M	J	AB	1 µF,50V,Electrolytic
C901	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C902	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C903	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C904	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C905,906	VCQYKA1HM223K	J	AB	0.022 µF,50V,Mylar
C907	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C908~910	VCQYKA1HM104K	J	AB	0.1 µF,50V,Mylar
C911	VCEAZW1EW338M	J	AG	3300 µF,25V,Electrolytic
C912	VCEAZW1HW228M	J	AH	2200 µF,50V,Electrolytic
C913	VCEAZV1EW108M	J	AE	1000 µF,25V,Electrolytic
C914	VCEAZA1EW107M	J	AB	100 µF,25V,Electrolytic
C915	VCEAZA1VW107M	J	AC	100 µF,35V,Electrolytic
C916~918	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic
C919,920	VCEAZA1HW107M	J	AC	100 µF,50V,Electrolytic

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C921,922	VCQYKA1HM104K	J	AB	0.1 µF,50V,Mylar
C923,924	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C925	VCEAZA0JW108M	J	AC	1000 µF,6.3V,Electrolytic
C926	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C927	VCEAZA1EW477M	J	AD	470 µF,25V,Electrolytic
C928	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
⚠ C929	RC-KZ001LAWZZ	J	AB	0.0047 µF,250V
CT21	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
CT22	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT23	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
CT24	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT25	VCKYMN1HB561K	J	AA	560 pF,50V
CT26,27	VCCCPA1HH220J	J	AA	22 pF (CH),50V
CT28	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
CT29	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT36	VCKZPA1HF223Z	J	AA	0.022 µF,50V
CT37	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT43	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4×3.5mm,Ivory
	VRS-TV2AB000J	J	AA	0 ohm,Jumper,1.25×2mm,Green
R1	VRS-TV2AB220J	J	AA	22 ohms,1/10W
R2	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R8	VRS-TV2AB153J	J	AA	15 kohms,1/10W
R9	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R10	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
R11	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R12	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R13	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R14	VRS-TV2AB273J	J	AA	27 kohms,1/10W
R15	VRS-TV2AB123J	J	AA	12 kohms,1/10W
R16	VRS-TV2AB332J	J	AA	3.3 kohms,1/10W
R17	VRS-TV2AB333J	J	AA	33 kohms,1/10W
R18	VRS-TV2AB153J	J	AA	15 kohms,1/10W
R19	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R20	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R21	VRS-TV2AB152J	J	AA	1.5 kohms,1/10W
R22	VRS-TV2AB821J	J	AA	820 ohms,1/10W
R23	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R24	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R25	VRS-TV2AB152J	J	AA	1.5 kohms,1/10W
R26	VRS-TV2AB823J	J	AA	82 kohms,1/10W
R27	VRS-TV2AB393J	J	AA	39 kohms,1/10W
R28	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R29	VRS-TV2AB563J	J	AA	56 kohms,1/10W
R30	VRS-TV2AB682J	J	AA	6.8 kohms,1/10W
R31	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R32	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R33	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R34	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R35,36	VRS-TV2AB224J	J	AA	220 kohms,1/10W
R37	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R38	VRS-TV2AB471J	J	AA	470 ohms,1/10W
R39	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R40	VRS-TV2AB562J	J	AA	5.6 kohms,1/10W
R41,42	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R43	VRS-TV2AB563J	J	AA	56 kohms,1/10W
R44	VRS-TV2AB333J	J	AA	33 kohms,1/10W
R45	VRS-TV2AB472J	J	AA	4.7 kohms,1/10W
R46	VRS-TV2AB561J	J	AA	560 ohms,1/10W
R47	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R50	VRS-TV2AB681J	J	AA	680 ohms,1/10W
R51	VRD-ST2CD335J	J	AA	3.3 Mohms,1/6W
R52	VRS-TV2AB273J	J	AA	27 kohms,1/10W
R53	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R55	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R56	VRS-TV2AB223J	J	AA	22 kohms,1/10W
R57	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R58~60	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R61~63	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R64	VRS-TV2AB220J	J	AA	22 ohms,1/10W
R65	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R66	VRS-TV2AB221J	J	AA	220 ohms,1/10W
R71,72	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R73,74	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R80,81	VRD-ST2CD821J	J	AA	820 ohms,1/6W
R82,83	VRS-TV2AB391J	J	AA	390 ohms,1/10W
R84	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R88,89	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R90	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R91	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R93	VRS-TV2AB221J	J	AA	220 ohms,1/10W
R301	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R336	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R344	VRD-MN2BD471J	J	AA	470 ohms,1/8W
R345	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R346	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R347	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R348	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R349	VRD-ST2CD330J	J	AA	33 ohms,1/6W
R350	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R351	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R352	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R353	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R354	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R355	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R356	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R357	VRD-ST2CD474J	J	AA	470 kohms,1/6W
R358	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R359	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R360	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R361,362	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R363,364	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R365,366	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R367	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R368	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R369	VRD-MN2BD150J	J	AA	15 ohms,1/8W
R370~374	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R375	VRD-ST2EE680J	J	AA	68 ohms,1/4W
R376	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R377	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R378	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R380	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R381	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R382	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R383~385	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R387	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R391,392	VRD-ST2EE391J	J	AA	390 ohms,1/4W
R393	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R395	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R398	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R401	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R402	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R403,404	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R405,406	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R407	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R408,409	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R410,411	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R412	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R413	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R414~416	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R417	VRD-RT2HD561J	J	AA	560 ohms,1/2W
R418	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R419	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R420,421	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R422	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R423	VRD-ST2CD103J	J	AA	10 kohms,1/6W
R424	VRD-RT2HD561J	J	AA	560 ohms,1/2W
R425	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R426	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R427,428	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R429,430	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R501	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R502	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R503	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R504	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R505,506	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R507	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R508,509	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R510	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R511,512	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R513	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R514	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R515	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R516	VRD-MN2BD151J	J	AA	150 ohms,1/8W
R517	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R518	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R519	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R520	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R521	VRD-MN2BD224J	J	AA	220 kohms,1/8W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R522,523	VRD-ST2CD560J	J	AA	56 ohms,1/6W
R524,525	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R526,527	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R528	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R529,530	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R531,532	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R533,534	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R535	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R536	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R537,538	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R539,540	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R541,542	VRD-MN2BD561J	J	AA	560 ohms,1/8W
R543	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R544,545	VRD-MN2BD560J	J	AA	56 ohms,1/8W
R546	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R547,548	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R549	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R550	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R551	VRD-ST2EE221J	J	AA	220 ohms,1/4W
R552	VRD-RT2HD151J	J	AA	150 ohms,1/2W
R553	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R554	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R555	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R556	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R557	VRD-MN2BD120J	J	AA	12 ohms,1/8W
R558,559	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
R561	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R601,602	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R603	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R604	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R605,606	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R607	VRD-MN2BD221J	J	AA	220 ohms.1/8W
R608,609	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W
R610,611	VRD-RT2HD271J	J	AA	270 ohms,1/2W
R612~615	VRD-ST2EE3R3J	J	AA	3.3 ohms,1/4W
R616,617	VRD-RT2HD331J	J	AA	330 ohms,1/2W
R701	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R703	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R709	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R711	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R712~715	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R720	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R723	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R724	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R726	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R727	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R730	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R731,732	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R733	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R734	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R735	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R736	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R737	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R738	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R739	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R740	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R741	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R742	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R743~745	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R747~750	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R751	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
R752	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R753	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R754,755	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R756,757	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R758	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R759	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R760	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R762~767	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R768	VRD-ST2CD102J	J	AA	1 kohms,1/6W
R769~772	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R775~778	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R780,781	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R794	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R795	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R797	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R798	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R901	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R902	VRD-RT2HD221J	J	AA	220 ohms,1/2W
R903	VRD-ST2CD123J	J	AA	12 kohms,1/6W
R904	VRD-RT2HD221J	J	AA	220 ohms,1/2W
R905	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R906	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
R908	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R910,911	VRD-ST2EE2R2J	J	AA	2.2 ohms,1/4W
RD01	VRD-ST2CD821J	J	AA	820 ohms,1/6W
RD02	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
RD03	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
RD04	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
RD05	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RD06	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
RD10	VRD-ST2CD821J	J	AA	820 ohms,1/6W
RD11	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
RD12	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
RD13	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
RD14	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
RD15	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
RD16	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
RD17	VRD-ST2CD123J	J	AA	12 kohms,1/6W
RD18	VRD-ST2CD223J	J	AA	22 kohms,1/6W
RD19	VRD-ST2CD683J	J	AA	68 kohms,1/6W
RD21	VRD-ST2CD821J	J	AA	820 ohms,1/6W
RD22	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
RD23	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
RD24	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
RD25	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
RD26	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
RT21	VRD-ST2CD104J	J	AA	100 kohm,1/6W
RT26	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RT28	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RT29	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RT30	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RT32	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RT33,34	VRD-ST2CD563J	J	AA	56 kohms,1/6W
RT35~37	VRD-ST2CD224J	J	AA	220 kohms,1/6W
RT48,49	VRD-ST2EE391J	J	AA	390 ohms,1/4W

OTHER CIRCUITRY PARTS

BI401/CNS401	QCNWN1380AWZZ	J	AF	Connector Ass'y,6/6Pin
BI701/CNS701	QCNWN1381AWZZ	J	AL	Connector Ass'y,15/15Pin
BI702/CNS702	QCNWN0907AWZZ	J	AC	Connector Ass'y,8/12Pin
BIM5/CNS10/CNS5	QCNWN1184AWZZ	J	AL	Connector Ass'y,6/10/2Pin
CNP1	92LCONE5P53253	J	AB	Plug,5Pin
CNP2	QCNCM705HAFZZ	J	AB	Plug,8Pin
CNP3	92LCONE6P53253	J	AC	Plug,6Pin
CNP3A	92LCONE6P53254	J	AC	Plug,6Pin
CNP10	QCNCM705KAWZZ	J	AC	Plug,10Pin
CNP11	QCNCM704FAWZZ	J	AC	Plug,6Pin
CNP12	QCNCM704QAWZZ	J	AG	Plug,15Pin
CNP301	92LCONE-2P5268	J	AB	Plug,2Pin
CNP303	QCNCW010KAWZZ	J	AD	Plug,10Pin
CNP501	92LCONE3P5267X	J	AB	Plug,3Pin
CNP502	92LCONE7P5267X	J	AC	Plug,7Pin
CNP901	QCNCM036BAWZZ	J	AC	Plug,2Pin
CNP902	QCNCM035FAWZZ	J	AC	Plug,6Pin
CNPM1	QCNCM932MAFZZ	J	AE	Plug,12Pin
CNPM2	QCNCM030BAWZZ	J	AB	Pin Header,2Pin
CNS1A/B	QCNWN1181AWZZ	J	AK	Connector Ass'y,5/5Pin
CNS2A/B	QCNWN1182AWZZ	J	AH	Connector Ass'y,8/8Pin
CNS3A/B	QCNWN1183AWZZ	J	AG	Connector Ass'y,6/6Pin
CNS101	QCNWN0895AWZZ	J	AE	Connector Ass'y,3Pin
CNS102	QCNWN0896AWZZ	J	AG	Connector Ass'y,8Pin
CNS303	QCNCM010KAWZZ	J	AC	Plug,10Pin
⚠ F901	92LFUSET312E	J	AD	Fuse,T3.15A L 250V
⚠ F902	92LFUSE-T162-E	J	AD	Fuse,T1.6A L 250V
⚠ F903	92LFUSE-T501E	J	AD	Fuse,T500mA L 250V
FE301	RTUNS0012AWZZ	J	AV	FM Front End
FL701	VVKSVA9MS13-1	J	AZ	FL Display
FW601	QCNWN1249AWZZ	J	AE	Flat Wire,5Pin
FW701	QCNWN1457AWZZ	J	AD	Flat Wire,9Pin
FW702	QCNWN1476AWZZ	J	AE	Flat Wire,11Pin
FW703	QCNWN0713AWZZ	J	AF	Flat Wire,3Pin
FWM1	QCNWN1274AWZZ	J	AC	Flat Wire,2Pin
FWM2	QCNWN0338AWZZ	J	AD	Flat Wire,2Pin
JK601	QJAKM0004AWZZ	J	AK	Jack,Headphones
⚠ L901	RCILZ0008AWZZ	J	AH	Line Filter
M1	92LMTR1854CASY	J	AS	Motor with Chassis [Spindle]
M2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
M3	92LMTR3022AS1	J	AU	Motor with Worm [Turntable Up/Down/Loading]
MM1(220-1)	RMOTV0006AWM1	J	AR	Motor with Pulley [Tape]
PHM1	VHPI31535CD-1	J	AG	Phote Interrupter
⚠ RL901	RRLYD0011AWZZ	J	AE	Relay

CD-C607H/611H

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
RX701	VHLN63H380A-1	J	AK	Remote Sensor,N63H380A
SO301	QTANC0101AWZZ	J	AF	Terminal,FM Antenna
SO601	QTANA0412AWZZ	J	AF	Terminal,Speaker [CD-C607H]
SO601	QTANA0801AWZZ	J	AK	Terminal,Speaker [CD-C611H]
⚠ SO901	QSOCA0204AWZZ	J	AF	Socket,AC Input
SOLM1	RPLU-0002AWZZ	J	AH	Solenoid Ass'y
SOLM2	RPLU-0002AWZZ	J	AH	Solenoid Ass'y
SW1	QSW-P0004AWZZ	J	AE	Switch,Push Type [Open/Close]
SW2	QSW-F0001AWZZ	J	AD	Switch,Leaf/Skeleton Type [Mecha Up]
SW3	QSW-P0005AWZZ	J	AD	Switch,Push Type [Disc Number]
SW4	QSW-F9001AW01	J	AD	Switch,Push Type [Pickup In]
SW701	92LSWICH-1401A	J	AC	Switch,Key Type [On/Stand-by]
SW702	92LSWICH-1401A	J	AC	Switch,Key Type [Display Mode]
SW703	92LSWICH-1401A	J	AC	Switch,Key Type [Clock]
SW704	92LSWICH-1401A	J	AC	Switch,Key Type [Timer/Sleep]
SW706	92LSWICH-1401A	J	AC	Switch,Key Type [Disk Skip]
SW707	92LSWICH-1401A	J	AC	Switch,Key Type [Open/Close]
SW710	92LSWICH-1401A	J	AC	Switch,Key Type [Fast Forward]
SW711	92LSWICH-1401A	J	AC	Switch,Key Type [Rec Pause]
SW712	92LSWICH-1401A	J	AC	Switch,Key Type [Memory/Set]
SW713	92LSWICH-1401A	J	AC	Switch,Key Type [Stop]
SW714	92LSWICH-1401A	J	AC	Switch,Key Type [Tuner (BAND)]
SW715	92LSWICH-1401A	J	AC	Switch,Key Type [Tape]
SW716	92LSWICH-1401A	J	AC	Switch,Key Type [CD]
SW717	92LSWICH-1401A	J	AC	Switch,Key Type [PTY.TI Search]
SW718	92LSWICH-1401A	J	AC	Switch,Key Type [EON]
SW719	92LSWICH-1401A	J	AC	Switch,Key Type [ASPM]
SW720	92LSWICH-1401A	J	AC	Switch,Key Type [Station]
SW722	92LSWICH-1401A	J	AC	Switch,Key Type [Rewind]
SW723	92LSWICH-1401A	J	AC	Switch,Key Type [Tuning Up]
SW724	92LSWICH-1401A	J	AC	Switch,Key Type [Tuning Down]
SW725	92LSWICH-1401A	J	AC	Switch,Key Type [Play]
SW726	92LSWICH-1401A	J	AC	Switch,Key Type [Volume Down]
SW727	92LSWICH-1401A	J	AC	Switch,Key Type [Volume Up]
SW728	92LSWICH-1401A	J	AC	Switch,Key Type [X-BASS/DEMO]
SWM3(220-8)	92LM-SW1676A	J	AC	Switch,Leaf Type [Fool Proof]
SWM4(220-9)	QSW-F9003AWZZ	J	AG	Switch,Leaf Type [F.A.S.]
SWM5(220-10)	92LM-SW1658A	J	AB	Switch,Leaf Type [CAM]

CD MECHANISM PARTS

301	NGERH0011AWZZ	J	AC	Gear,Middle
302	NGERH0012AWZZ	J	AC	Gear,Drive
303	MLEVP0080AWZZ	J	AC	Rail,Guide
304	NSFTM0002AWFW	J	AE	Shaft,Guide
305	92LMCUSN1524A	J	AD	Cushion
⚠ 306	92LHPC1MASY	J	BG	Pickup Unit Ass'y
306- 1	————		—	Pickup Unit (Not Replacement Item)
306- 2	NGERH0010AWZZ	J	AB	Gear,Rack
306- 3	MSPRC0961AFZZ	J	AA	Spring,Rack
701	XBSSD26P06000	J	AA	Screw,ø2.6×6mm
702	XHBSD20P05000	J	AA	Screw,ø2×5mm
703	XBBSD20P03000	J	AA	Screw,ø2×3mm
704	LX-WZ1070AFZZ	J	AA	Washer,ø1.5×ø3.8×0.25mm
M1	92LMTR1854CASY	J	AS	Motor with Chassis [Spindle]
M2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
SW4	QSW-F9001AW01	J	AD	Switch,Push Type [Pickup In]

CABINET PARTS

201	92LCAB3045AS1	J	AY	Front Panel Ass'y [CD-C611H]
201	92LCAB3048AS1	J	AY	Front,Panel Ass'y [CD-C607H]
201- 1	————		—	Front Panel (Not Replacement Item)
201- 2	HDECQ0481AWSA	J	AH	Panel,Display [CD-C611H]
201- 2	HDECQ0487AWSA	J	AG	Panel,Display [CD-C607H]
201- 3	HDECQ0460AWSA	J	AH	Panel,Operation
201- 4	HDECQ0461AWSA	J	AC	Ring,Operation
201- 5	HDECQ0462AWSA	J	AC	Cap,Operation Center
201- 6	HDECQ0469AWSA	J	AE	Panel,Center Cap
201- 7	JKNBZ0603AWSA	J	AG	Button,Stop/Play/Repeat
201- 8	JKNBZ0604AWSA	J	AF	Button,Function Selector
201- 9	JKNBZ0605AWSA	J	AF	Button,Volume Up/Down
201-10	JKNBZ0629AWSA	J	AE	Button,Power/Stand-by
201-11	JKNBZ0607AWSA	J	AE	Button,X-BASS/Demo
201-12	JKNBZ0608AWSA	J	AC	Button,Timer/Sleep/Clock
201-13	JKNBZ0610AWSA	J	AM	Button,Disc Skip/Open/Close
201-14	PCUSG0022AWZZ	J	AB	Cushion,Leg
201-15	JKNBZ0609AWSA	J	AE	Button,RDS
202	92LCAB3041BS1	J	AM	Side Panel Ass'y,Left
202- 1	————		—	Side Panel,Left (Not Replacement Item)
202- 2	PCUSG0022AWZZ	J	AB	Cushion,Leg
203	92LCAB3041CS1	J	AM	Side Panel Ass'y,Right
203- 1	————		—	Side Panel,Right (Not Replacement Item)
203- 2	PCUSG0022AWZZ	J	AB	Cushion,Leg
204	92LCOV3022AS1	J	AM	CD Tray Cover Ass'y
204- 1	————		—	Cover,CD Tray (Not Replacement Item)
204- 2	GCOVA1224AWSA	J	AE	Cover,CD Tray Panel,Left
204- 3	GCOVA1225AWSA	J	AE	Cover,CD Tray Panel,Right
204- 4	92LBADGE1671A	J	AC	Badge,SHARP
205	GITAR0476AWSA	J		Back Board [CD-C611H For U.K.]
205	GITAR0477AWSA	J	AH	Back Board [CD-C611H For Europe]
205	GITAR0478AWSA	J		Back Board [CD-C611H Except for U.K./Europe]
205	GITAR0489AWSA	J		Back Board [CD-C607H For U.K.]
205	GITAR0490AWSA	J	AH	Back Board [CD-C607H For Europe]
205	GITAR0491AWSA	J		Back Board [CD-C607H Except for U.K./Europe]
206	GDORF0072AWSA	J	AK	Cassette Holder,Tape 1
207	GDORF0073AWSA	J	AK	Cassette Holder,Tape 2
208	HDECQ0463AWSA	J	AE	Panel,Cassette Holder,Tape 1
209	HDECQ0464AWSA	J	AE	Panel,Cassette Holder,Tape 2
210	LANGK0170AWFW	J	AC	Bracket,Headphone Support
211	LANGT0051AWFW	J	AF	Bracket,Heat Sink [CD-C611H]
212	LCHSM0087AWSA	J	AQ	Main Chassis
213	LHLDZ1087AWSA1	J	AC	Holder,FL Display
214	MLIFP0003AWZZ	J	AE	Damper,Cassette Holder
215	MSPRD0092AWFJ	J	AB	Spring,Cassette Holder Up,Tape 1
216	MSPRD0093AWFJ	J	AB	Spring,Cassette Holder Up,Tape 2
218	PRDAR0113AWFW	J	AV	Heat Sink [CD-C611H]
219	PRDAR0118AWFW	J	AT	Heat Sink [CD-C607H]
221	LANGT0052AWSA	J		Bracket,Heat Sink [CD-C607H]
220	92LMECHA2823A	J	BL	Tape Mechanism Ass'y
220- 1(MM1)	RMOTV0006AWM1	J	AR	Motor with Pulley [Tape]
220- 2	NBLTK0011AWZZ	J	AC	Belt,Main [Tape 1]
220- 3	NBLTK0012AWZZ	J	AB	Belt,Main [Tape 2]
220- 4	NBLTK0030AWZZ	J	AC	Belt,Sub
220- 5	NROLY0002AWZZ	J	AF	Pinch Roller
220- 6	92LMRPH1746A	J	AM	Head,Record/Playback [Tape 1/Tape 2]
220- 7	RHEDA0001AWZZ	J	AG	Head,Erase [Tape 2]
220- 8(SWM3)	92LM-SW1676A	J	AC	Switch,Leaf Type [Fool Proof]
220- 9(SWM4)	QSW-F9003AWZZ	J	AG	Switch,Leaf Type [F.A.S.]
220-10(SWM5)	92LM-SW1658A	J	AB	Switch,Leaf Type [CAM]
222	92LN-BAND1318A	J	AA	Nylon Band,80mm
223	GCAB-1044AWSA	J	AM	CD Player Base
224	GCAB-1052AWSA	J	AP	Top Cabinet
225	LANGF0032AWZZ	J	AC	Support,Turntable Lock Lever
226	LCHSZ0010AWZZ	J	AM	Chassis,Loading
227	LCHSZ0011AWZZ	J	AG	Chassis,CD Mechanism
228	92LHOLD3022AS1	J	AB	Stabilizer Ass'y
228- 1	————		—	Stabilizer (Not Replacement Item)
228- 2	PMAGF0001AWZZ	J	AF	Magnet,Stabilizer
228- 3	92LSUPT1749D	J	AA	Support,Stabilizer Magnet
229	LHLDZ1140AWZZ	J	AB	Guide
230	LHLDZ1141AWZZ	J	AB	Support,Pitch
231	LHLDZ1204AWSA	J	AD	Support,Stabilizer
232	MLEVP0066AWZZ	J	AE	Lever,Shift
233	MLEVP0067AWZZ	J	AC	Lever,Lock
234	MLEVP0068AWZZ	J	AB	Lever,Change
235	MLEVP0070AWZZ	J	AB	Lever,Turntable Lock
236	MSPRC0020AWFJ	J	AB	Spring,Turntable Lock Lever
237	MSPRC0024AWFW	J	AB	Spring,Solenoid
238	MSPRD0044AWFJ	J	AB	Spring,Lock Lever
239	NBLTK0033AWZZ	J	AC	Belt,Drive
240	NGERH0064AWZZ	J	AD	Gear,Cam
241	NGERH0065AWZZ	J	AB	Gear,Turntable
242	NGERK0003AWZZ	J	AC	Gear,Drive
243	NGERK0004AWZZ	J	AB	Gear,Bevel
244	NGERK0005AWZZ	J	AB	Gear,Loading
245	NGERW0006AWZZ	J	AC	Gear,Worm Wheel
246	NPLYD0002AWZZ	J	AC	Pulley
247	NROLP0009AWZZ	J	AB	Roller
248	NTNT-0018AWSA	J	AK	Turntable
249	PCOVZ1013AWZZ	J	AB	Cover,Wire
⚠ 251	QLUGP0001AWZZ	J	AC	Lug

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
252	PCUSG0022AWZZ	J	AB	Cushion
253	LHLDZ1230AWZZ	J	AC	Holder,LED
254	LANGT0054AWFW	J	AE	Bracket,Tuner PWB
255	LANGT0049AWFW	J	AK	Bracket,PWB Support
256	92LCAUT1706B	J	AA	Label,CD Laser Caution Mark
257	92LCAUT1706A1	J	AC	Label,CD Laser Caution
258	TLABS0027AWZZ	J	AB	Label,B-Mark
259	TLABS0102AWZZ	J	AB	Label,Gost Rostest
260	92LLABL372C	J	AB	Label,Specifications
261	TLABB0001AWZZ	J	AB	Label,Japan
⚠ 264	QFSHD0001AWZZ	J	AB	Holder,Fuse
602	XBPSD26P05JSO	J	AB	Screw,ø2.6×5mm
603	XEBSD26P12000	J	AA	Screw,ø2.6×12mm
604	XEBSD30P10000	J	AA	Screw,ø3×10mm
605	XEBSD30P12000	J	AA	Screw,ø3×12mm
606	XEBSF30P12000	J	AA	Screw,ø3×12mm
607	XESSD30P10000	J	AA	Screw,ø3×10mm
608	XJBSD30P08000	J	AA	Screw,ø3×8mm
609	XJBSD30P10000	J	AA	Screw,ø3×10mm
610	XJBSF30P08000	J	AA	Screw,ø3×8mm
611	XJSSF30P10000	J	AA	Screw,ø3×10mm
612	XWHJZ62-09510	J	AB	Washer,ø6.2×ø10×0.9mm
614	LX-EZ0005AWFD	J	AA	Screw,Special
615	LX-JZ0002AWFD	J	AA	Screw,ø3×10mm
618	LX-TZ0019AFZZ	J	AB	Screw,Special
619	XHBSD40P08000	J	AA	Screw,ø4×8mm
620	XJBSF30P10000	J	AA	Screw,ø3×10mm
621	LX-JZ0003AWFF	J	AA	Screw,ø3×12mm
622	XHBSF30P08000	J	AA	Screw,ø3×8mm

ACCESSORIES/PACKING PARTS

1	SPAKC0788AWZZ	J	AR	Packing Case [CD-C611H Except for U.K.]
1	SPAKC0789AWZZ	J	AR	Packing Case [CD-C611H For U.K.]
1	SPAKC0794AWZZ	J	AP	Packing Case [CD-C607H Except for U.K.]
1	SPAKC0795AWZZ	J	AP	Packing Case [CD-C607H For U.K].
2	SPAKA0225AWZZ	J		Packing Add.,Left/Right
3	SPAKP0013AWZZ1	J	AC	Polyethylene Bag,Unit
4	92LBAG1460C1	J	AB	Polyethylene Bag,Accessories
5	92LBAG1770A	J	AB	Polyethylene Bag,AC Power Supply Cord [For U.K. Only]
6	QACCB0008AW00	J	AW	AC Power Supply Cord [For U.K.]
6	QACCE0011AW00	J	AM	AC Power Supply Cord [Except for U.K.]
7	TGAN-3170UMZZ	J	AE	Resistration Card [For U.K. Only]
8	TINSE0251AWZZ	J	AE	Operation Manual [CD-C611H For U.K.]
8	TINSE0263AWZZ	J		Operation Manual [CD-C607H For U.K.]
8	TINSZ0423AWZZ	J	AR	Operation Manual [CD-C611H For Europe]
8	TINSZ0424AWZZ	J		Operation Manual [CD-C611H Except for U.K./Europe]
8	TINSZ0445AWZZ	J	AR	Operation Manual [CD-C607H For Europe]
8	TINSZ0446AWZZ	J		Operation Manual [CD-C607H Except for U.K./Europe]
10	92LF-ANT1535A	J	AF	FM Antenna
11	QANTL0008AWZZ	J	AH	AM Loop Antenna
12	RRMCG0180AWSA	J	AR	Remote Control
	GFTAB1022AWSA	J		Battery Lid,Remote Control
13	TLABZ0571AWZZ	J	AC	Label,Feature,Unit,Tape 1 [CD-C607H]
13	TLABZ0573AWZZ	J	AC	Label,Feature,Unit,Tape 1 [CD-C611H]
14	TLABZ0546AWZZ	J	AB	Label,Feature,Unit,Tape 2 [CD-C611H]
14	TLABZ0572AWZZ	J	AC	Label,Feature,Unit,Tape 2 [CD-C607H]
15	TLABZ0604AWZZ	J	AB	Label,Energy [Except for U.K.]
16	TLABZ0605AWZZ	J	AB	Label,Saving Energy
17	SPAKZ0507AWZZ	J	AB	Sheet,Protection
18	TLABE0282AWZZ	J	AB	Label,Bar Code [CD-C611H]
18	TLABE0284AWZZ	J	AB	Label,Bar Code [CD-C607H]
19	TLABG0004AWZZ	J		Label,Set Life [For Russia Only]
20	TLABG0005AWZZ	J	AB	Sheet,INF [For Russia Only]
21	TLABS0213AWZZ	J	AB	Sheet,Gost Info [CD-C611H For Russia]
21	TLABS0219AWZZ	J	AB	Sheet,Gost Info [CD-C607H For Russia]

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A1~5	92LPWB3045MANS	J	—	Main/Display/Headphones/ Switch/Support(Combined Ass'y) [CD-C611H For U.K. Only]
PWB-A1~5	92LPWB3048MANS	J	—	Main/Display/Headphones/ Switch/Support (Combined Ass'y) [CD-C607H For U.K. Only]
PWB-B	92LPWB3072CDUS	J	—	CD Servo[For U.K. Only]
PWB-C	QPWBF0027AWZZ	J	AD	CD Motor (PWB Only) [For U.K. Only]
PWB-D	QPWBF0341AWZZ	J	AB	Tray Motor (PWB Only) [For U.K. Only]
PWB-E	QPWBF0106AWZZ	J	AF	Tape Mechanism (PWB Only) [For U.K. Only]
PWB-F	92LPWB3072TUNS	J	—	Tuner [For U.K. Only]

CP-C607H

SPEAKER BOX PARTS(FRONT SPEAKER)

701	92L20100611H10	J	AS	Net Frame Ass'y
702	92L10002607H10	J	BB	Speaker Box Ass'y
703	92L3121C607H10	J	AG	Cord,Speaker
704	92L411B84012AB	J		Screw,ø4×12mm
705	92L6000C607H00	J		Label,Specifications
706	92L20300611H10	J	AP	Panel,Duct
707	92L44010213900	J	AC	Port Cushion
SP1,2	VSP0010PBY38A	J	AU	Speaker,Woofer
SP3,4	92L34820100610	J	AG	Speaker,Super Tweeter

PACKING PARTS

22	92L70032000710	J	AE	Polyethylene Bag,Speaker
23	92L720BC611H00	J		Packing Add.,Bottom
24	92L720TC611H00	J		Packing Add.,Top

CP-C611H

SPEAKER BOX PARTS(FRONT SPEAKERS)

701	92L20100611H10	J	AS	Net Frame Ass'y
702	92L10002611H10	J	BB	Speaker Box Ass'y
703	92L3121C611H10	J		Cord,Speaker
704	92L411B84012AB	J		Screw,ø4×12mm
705	92L6000C611H00	J	AC	Label,Specifications
706	92L20300611H10	J	AP	Panel,Duct
707	92L44010213900	J	AC	Port Cushion
708	92L44210112300	J	AB	Cushion (Woofer)
SP1,2	VSP0013PB386A	J	AY	Speaker,Woofer
SP3,4	92L34820100610	J		Speaker,Super Tweeter

PACKING PARTS

22	92L70032000710	J	AE	Polyethylene Bag,Speaker
23	92L720BC611H00	J		Packing Add.,Bottom
24	92L720TC611H00	J		Packing Add.,Top

GBOXS0028AWM1 (CD-C611H ONLY)

SPEAKER BOX PARTS(SURROUND SPEAKERS)

901	92LSRCBC022RS	J		Bottom Cabinet
902	92LSRCNF002RS	J		Net Frame Ass'y
903	92LSRCPL010RS	J		Label,Part No.
904	92LSRCSC004RS	J	AK	Cord,Speaker
905	92LSRCSW005RS	J	AB	Screw,ø3×12mm
SP1,2	VSP0080PBP2WA	J	AN	Speaker,Woofer

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION

PACKING PARTS

25	92LSRCBP010RS	J	AG	Packing Add.,Bottom
26	92LSRCPE006RS	J	AB	Polyethylene Bag,Speaker
27	92LSRCTP009RS	J	AG	Packing Add.,Top

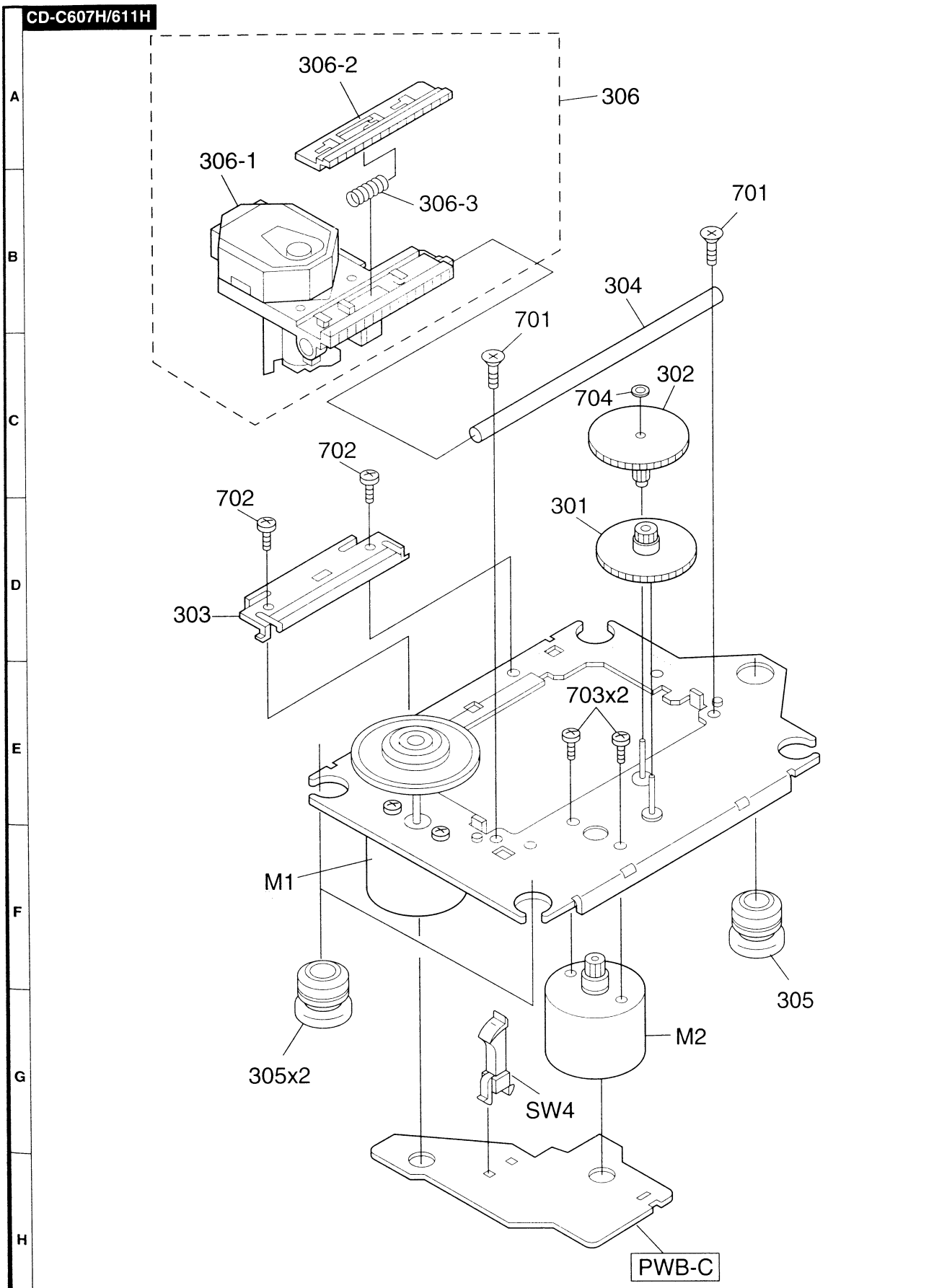
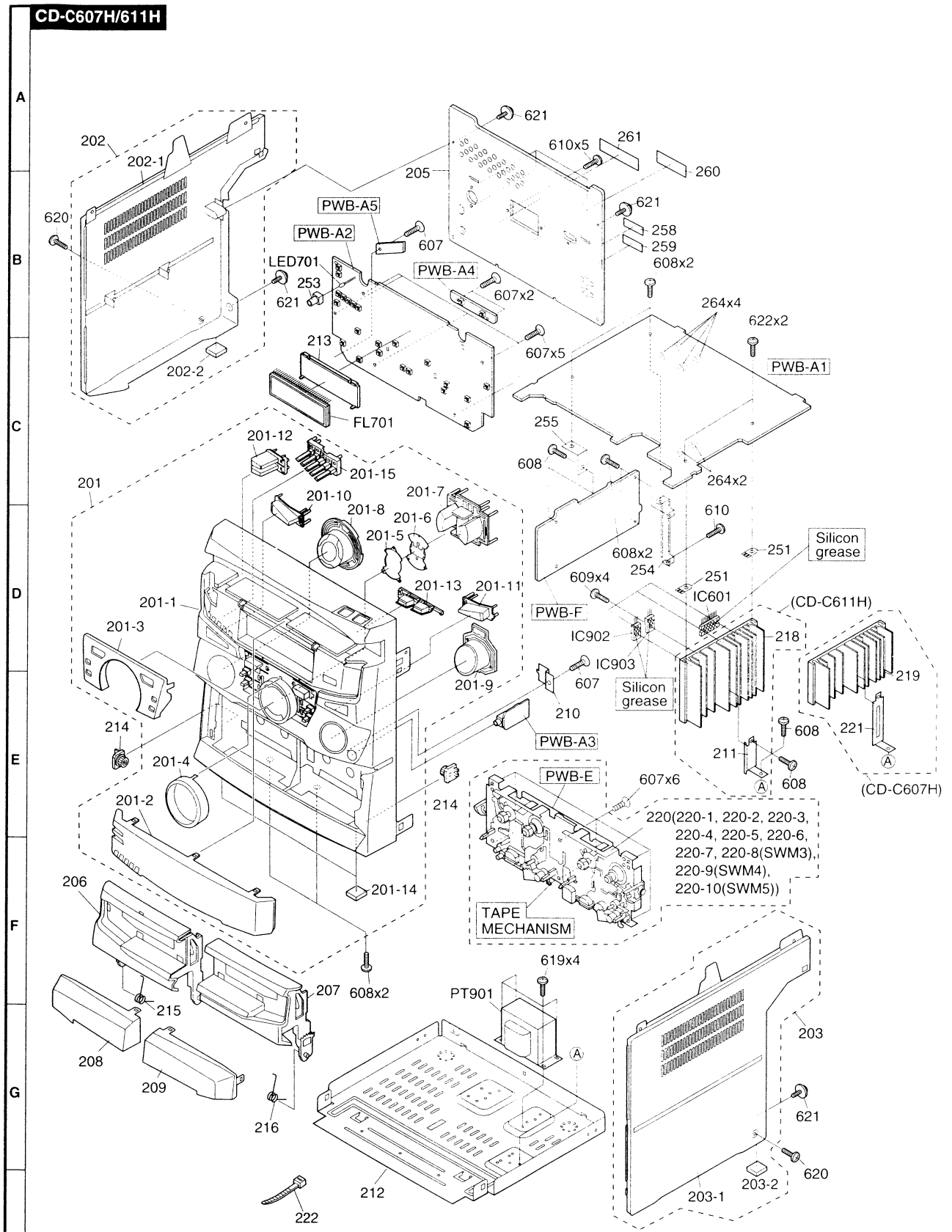


Figure 8 CD MECHANISM EXPLODED VIEW



Note: Only the unit and consumale parts are supplied as aprts supply for the Tape mechanism.

Figure 9 CABiNET EXPLODED VIEW (1/2)

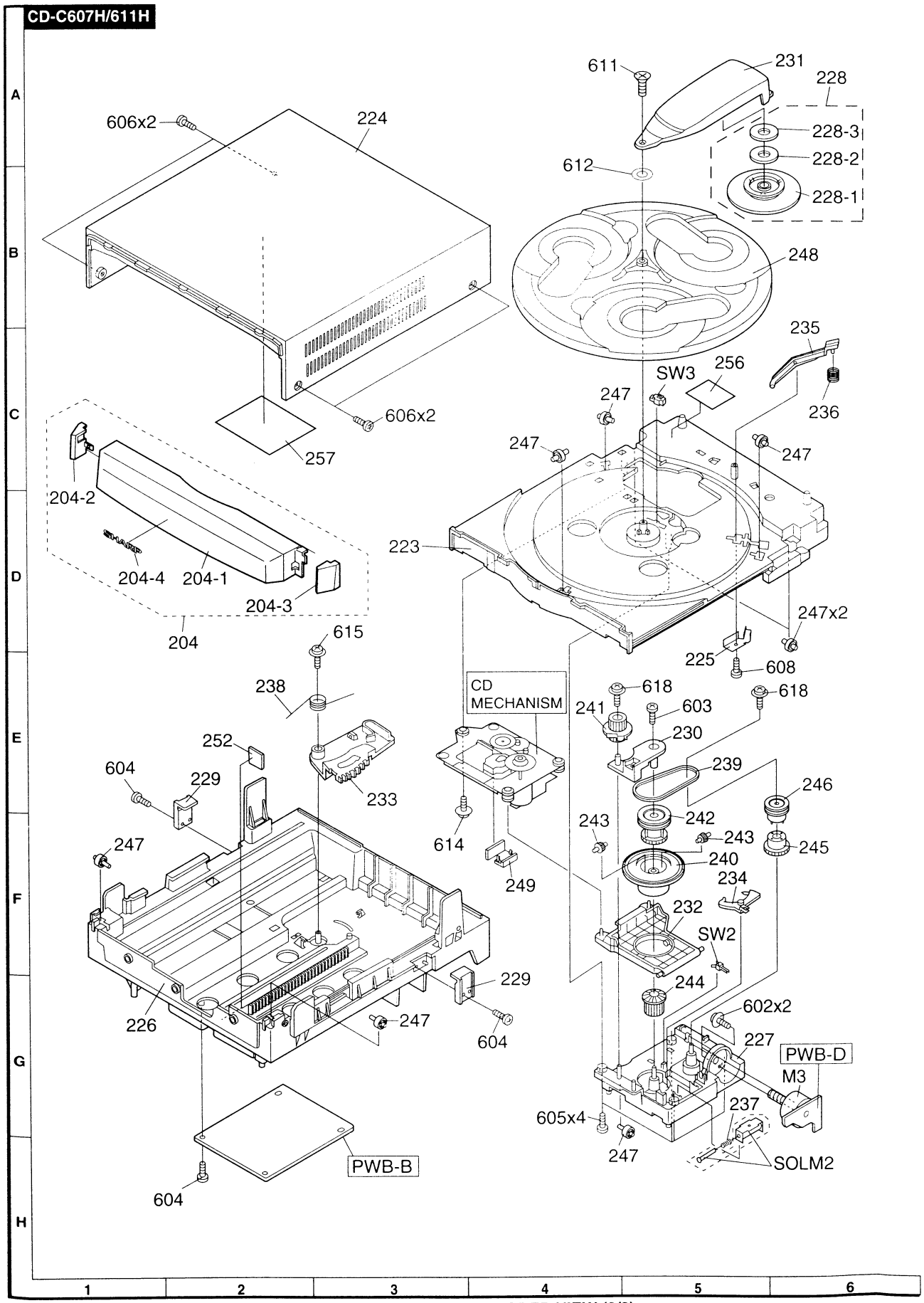


Figure 10 CABINET EXPLODED VIEW (2/2)

CP-C607H/611H

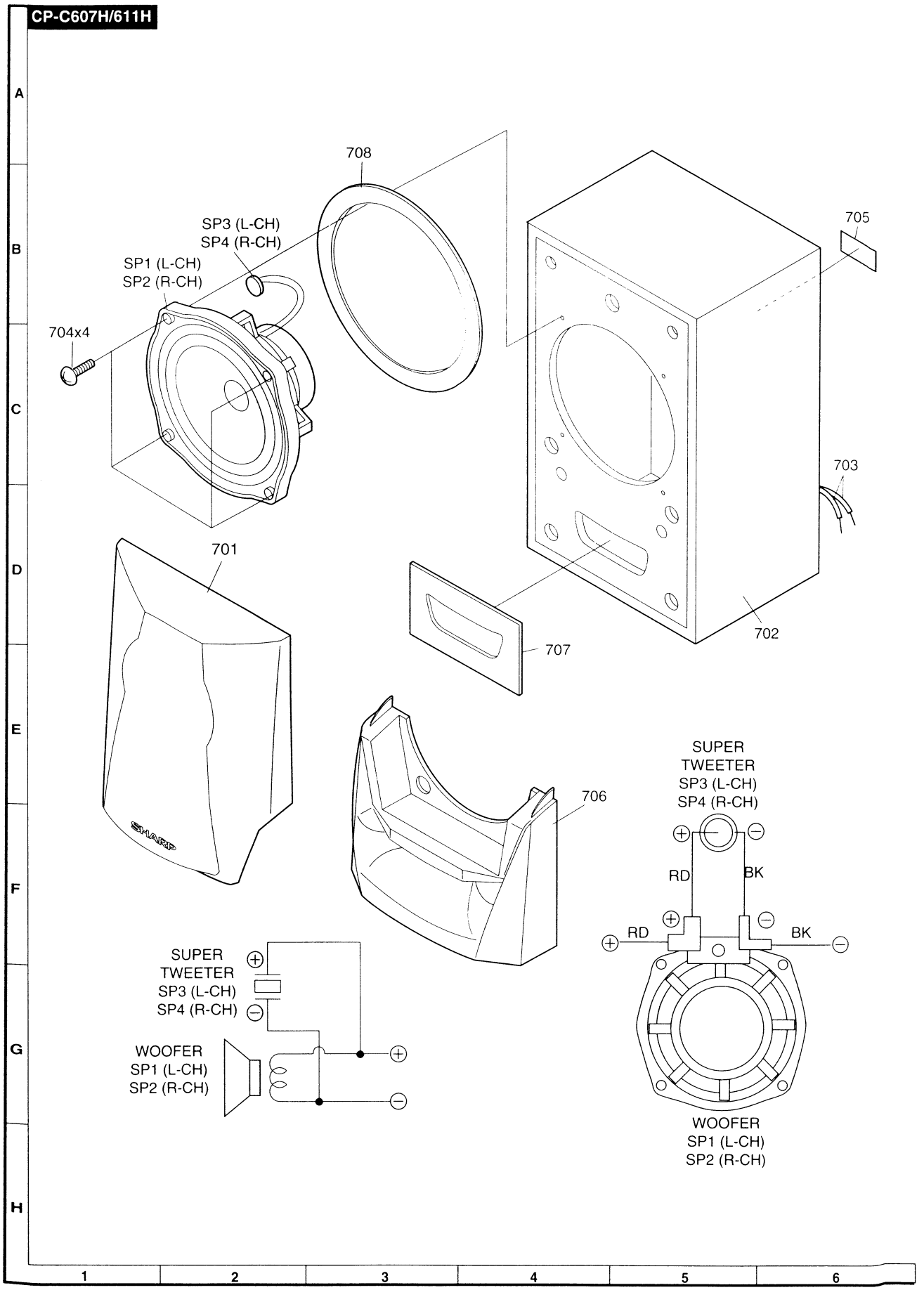


Figure 11 SPEAKER EXPLODED VIEW (1/2)

GBOXS0028AWM1 **(CD-C611H Only)**

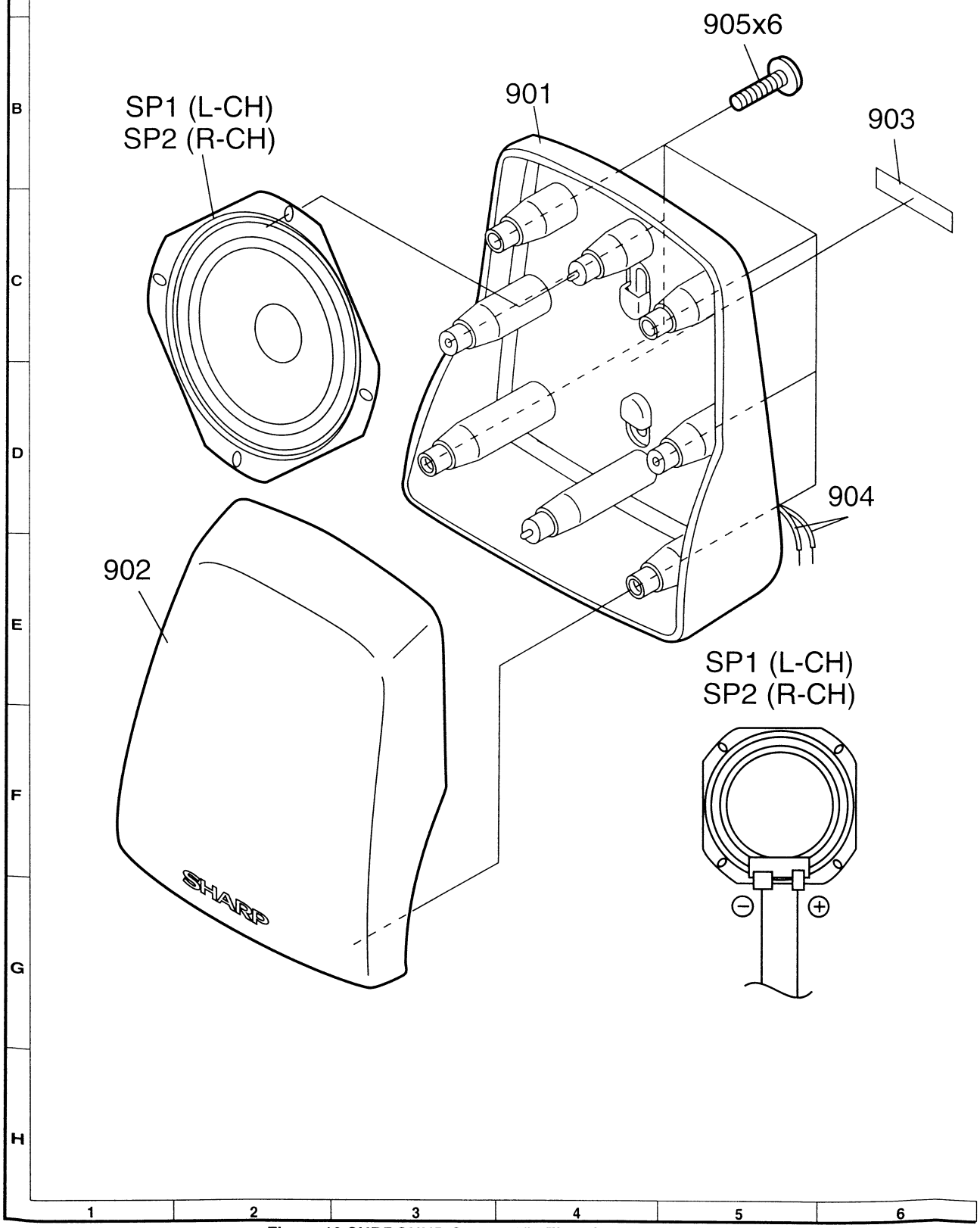


Figure 12 SURROUND SPEAKER EXPLODED VIEW (2/2)

PACKING METHOD (FOR U.K. ONLY)

Setting position of switches and knobs	
Tape Mechanism	STOP

CD-C607H/611H

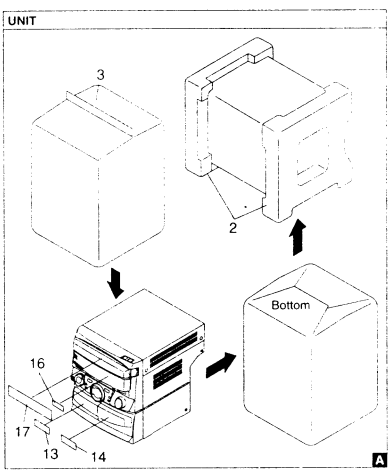
1	Packing Case(CD-C611H)	SPAKC0789AWZZ
1	Packing Case(CD-C607H)	SPAKC0795AWZZ
2	Packing Add., Left/Right	SPAKA0225AWZZ
3	Polyethylene Bag, Unit	SPAKP0013AWZZ1
4	Polyethylene Bag, Accessories	92LBAG1460C1
5	Polyethylene Bag, AC Power Supply Cord	92LBAG1770A
6	AC Power Supply Cord	QACCB0008AW00
7	Resistration Card	TGAN-3170UMZZ
8	Operation Manual(CD-C611H)	TiNSE0251AWZZ
8	Operation Manual(CD-C607H)	TiNSE0263AWZZ
10	FM Antenna	92LF-ANT1535A
11	AM Loop Antenna	QANTL0008AWZZ
12	Remote Control	RRMCG0180AWSA
13	Label, Feature, Unit, Tape1(CD-C607H)	TLABZ0571AWZZ
13	Label, Feature, Unit, Tape1(CD-C611H)	TLABZ0573AWZZ
14	Label, Feature, Unit, Tape2(CD-C611H)	TLABZ0546AWZZ
14	Label, Feature, Unit, Tape2(CD-C607H)	TLABZ0572AWZZ
16	Label, Saving Energy	TLABZ0605AWZZ
17	Sheet, Protection	SPAKZ0507AWZZ
18	Label, Bar Code(CD-C611H)	TLABE0282AWZZ
18	Label, Bar Code(CD-C607H)	TLABE0284AWZZ

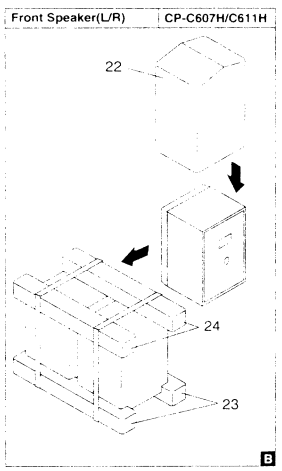
CP-C607H/611H

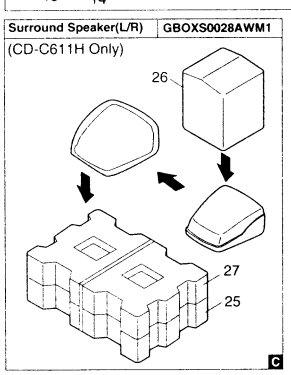
22	Polyethylene Bag, Speaker	92L70032000710
23	Packing Add., Bottom	92L720BC611H00
24	Packing Add., Top	92L720TC611H00

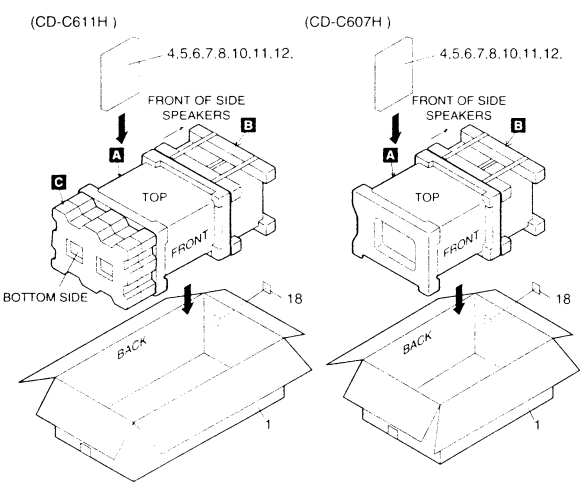
GBOXS0028AWM1 (CD-C611H Only)

25	Packing Add., Bottom	92LSRCBP010RS
26	Polyethylene Bag, Speaker	92LSRCPE006RS
27	Packing Add., Top	92LSRCTP009RS









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